

# Major Project Description Report

**ProjectID:** 1000054  
**Secretariat:** Education  
**Agency:** Virginia State University  
**Project Formal Title:** Classroom Instruction Enhancement

## Project Description:

Upgrade current classrooms and add new multimedia functions to non-media driven classrooms. Construct model e-classroom and teaching labs.

## Project Scope:

Effective use of IT in the classroom is an important factor in the Commonwealth's return on its VSU investment and in preparing students for life-long productive roles. Continually improving and promoting the use of IT in the classroom is a critical factor in positioning VSU as a best-in-class institution. The VSU degree and other educational services must be a valued credential within both higher education and industry in general.

The following business objectives will be met:

1. Effective Information Technology use in teaching methodologies is critical in preparing students for life-long learning and for productive societal roles. It is primary to connecting to the world at large.
2. VSU must re-engineer its programs, services, and infrastructure to meet the needs of its customers and to provide a supporting IT Infrastructure appropriate for emerging technologies.
3. More than ever, VSU must investigate and review customer service needs in order to supply specialized and non-traditional personalized service delivery.
4. Changing education market requires VSU to gain competitive advantage in a profit-driven, high-demand marketplace by providing a strong, adaptable, responsive, and outcome-driven support system.
5. Maintain and enhance a standards based enterprise technology architecture that can support current initiatives as well as future growth, and that enables core business processes and other technologies to integrate in a seamless centralized and decentralized support service.
6. Provide an environment with a best practices and a decision-making framework that enables Commonwealth resource stewardship and a best-in-class performance.

## Project Business Objective:

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000095  
**Secretariat:** Health & Human Resources  
**Agency:** Department of Rehabilitative Services  
**Project Formal Title:** Integrated Case Management (ICM) Project

## Project Description:

Promote common business practices for case management by using a single customized business application for 21 programs that provide services to people with disabilities. Cooperative effort sponsored and funded by the Department of Rehabilitative Services (DRS @ 85%), the Department for the Blind and Vision Impaired (DBVI @ 15%), and the Virginia Department for the Deaf and Hard of Hearing (VDDHH @ 0%). For reporting purposes, the primary agency sponsor on this project is DRS. All CATSPA information on this project will be reported by DRS only.

## Project Scope:

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The Integrated Case Management (ICM) System project is an effort to integrate over twenty (20+) legacy data management systems and data exchange processes into a single seamless application computer system. A system consists of a series of application modules that incorporates agencies case management and business processes. The effort will lead to reduced IT maintenance effort and communication efficiencies associated with a common business process.

Such a system, planned for initial implementation in 2006, will be user-friendly, accessible from staff offices or any network aware location, and provide significant economies for case management. Functional users will be able to perform all of their case management functions in a single system instead of a collection of existing, legacy systems and paper. Computer literate staff can easily migrate from existing systems to this new one because the look, feel and operation is the same as the Internet and Windows user services.

The project is a multi-faceted effort, with DSA representatives from technology, most functional programs, and business process specialists. Each representative has contributed to the requirements with their own viewpoint from their specialized areas, and has blended those ideas into the common goal of these ICM requirements.

These requirements were used to develop an RFP. The RFP was posted in posted in August and offeror response due in Oct 2003. We are currently in the third evaluation phase and hope to select a proposal by August 2004.

The software development and implementation process will be outsourced through the successful proposal. The project will be managed by internal project manager (PM) who will follow the VITA established CPM guidelines. The PM will have successfully completed the CPM testing for CORE and Facilitating processes. Continuous IV&V efforts will insure compliance with VITA standards and mitigate risk.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1000100
<b>Secretariat:</b>	Education
<b>Agency:</b>	Virginia State University
<b>Project Formal Title:</b>	Re-engineer Core Business Processes

**Project Description:**

Replace aging SCT PLUS administrative system with SCT Banner ERP: Student, Finance, Financial Aid, HR, Web for Student & Faculty.

**Project Scope:**

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Infrastructure and resource renewal are needed to provide more service and supporting technologies for core business activities. Core business process re-engineering is critical in order to support an adaptable, responsive, and outcome-driven enterprise that can succeed in a highly competitive market. VSU must continually update the skills and knowledge of its employees to keep pace with a new brand of highly personalized educational services and emerging technologies. VSU cannot become best-in-class institution if it fails to act decisively and forcefully before opportunities disappear. Access and delivery of curriculum content, personal and other information is required to support peer leading location-independent educational services. VSU stakeholders will demand information and VSU must successfully deliver. The current system does not incorporate newer technologies, such as web technologies, which better serve the needs of students, prospective students, graduates, Commonwealth Agencies which require a reporting relationship, or other colleges and Universities which have reciprocal agreements with VSU. As VSU offers more web-enhanced and web based courses, the University must provide an on-line mechanism for Student Services to include registration, degree audit, etc.

The current system was developed a number of years ago, and the vendor (SCT) does not intend to provide enhancements and is planning limited or no support of this system in the near future. However, the vendor developed Banner, which will serve the expanding needs of the university community incorporating newer technologies, providing integration with Web based applications for efficient delivery of accurate and timely information on demand. Striking a harmonious balance between business best practices versus creative exploration will be critical for VSU success as an exemplary steward of Commonwealth resources. Today's students expect previously unimagined flexibility and convenience from their education service providers. VSU cannot provide peer-leading location-independent services until it re-engineers its programs and service to meet its customers' needs.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

<b>ProjectID:</b>	1000101
<b>Secretariat:</b>	Education
<b>Agency:</b>	Virginia State University
<b>Project Formal Title:</b>	Network Infrastructure Upgrade

**Project Description:**

Project to consolidate and upgrade servers, upgrade OS and CISCO, migrate from IPX-to-TCP/IP, and migrate to MS Windows XP resource management.

**Project Scope:**

Technology upgrades for the following infrastructure components:

Cable Plant - Fiber optic cable between buildings, structured cable within buildings, cold-site 2ndary campus network "hub" (MDF) for network disaster recovery, facility enhancements for data "closets".

Devices - Wired and wireless network switches that provide core, distribution, and access of the network to all facilities. Wireless switches also come in the form of "panels".

Servers/services - Computer server consolidation for more efficient management and replacement of aged servers. Reconfigure existing services and centralize where control and standards are important, but decentralize where greatest flexibility is needed.

Software Applications & Utilities - Appropriate products that support best system and network administration practices, and enable maximum availability of network resources.

Operating systems - Migration to the latest versions of contemporary OS's and effective use of features that su

**Project Business Objective:**

Successfully implement a contemporary, scalable infrastructure that will support VSU's instruction, research, and service needs.

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# Major Project Description Report

**ProjectID:** 1000103  
**Secretariat:** Education  
**Agency:** Radford University  
**Project Formal Title:** Voice Over Internet Protocol (VoIP) Telephone System Project

## Project Description:

Phase in over several years the installation of a Cisco Voice Over IP Telephone System to replace current ATM based system and Verizon. Pilot phases include new building and renovation projects during FY03-FY06. Planned campus-wide installation during FY07.

## Project Scope:

RU currently obtains Centrex telephone service through a state negotiated service plan with Verizon. The annual cost is over \$677,000. RU believes replacement of current service with a Voice over Internet Protocol (VoIP) system will save the university approximately \$577,000 over a five year period.

## Project Business Objective:

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000119  
**Secretariat:** Administration  
**Agency:** Department of General Services  
**Project Formal Title:** Seat of Government Voice Over Internet Protocol (VoIP)

## Project Description:

This project continues the installation of Voice Over IP phones networks, and conversion of lines in renovated buildings at seat of government. These buildings are public/private partnership initiatives with bond or private funding/lease back arrangements.

## Project Scope:

Network and voice services at the seat-of-government campus are designed and supported by individual agency tenants. This design is costly and is difficult to maintain. It also precludes introduction of new technologies for use by all tenant agencies. The aggressive building program currently underway on the campus requires a consistent networking approach and the development of standards that can be implemented by the Department of General Services' Bureau of Facilities Management during the planning and construction of campus buildings.

Today, agencies, at their option, may install PBXs, keyed systems, or use Centrex services from VITA's telecommunications contracts. DGS tenant agencies use over 7,000 voice circuits at an average cost of \$20 per month, almost 1.2 million dollars annually. The variety of options and the differences in approach lead to security and facilities management problems. Support for these solutions is normally outsourced requiring multiple vendors to have unsupervised access to facility wiring closets. Telecommunication problems occur when vendors terminate incorrect circuits due to a lack of consolidated documentation. Cabling chases become clogged as proprietary cabling plans are abandoned by tenants. Building space is not used effectively due to the problems and telecommunications expenses of relocating tenants.

Tenant agencies also request individual data centers or create server farm locations within their assigned office space. For VITA in-scope agencies, consolidating these servers into one or two locations will allow for more cost-effective operations support and assist VITA in eventual collocation of the servers at the VITA data center. The network must be designed to support this data center consolidation while allowing, tenants not within VITA's scope to access network services.

DGS is in the midst of a major renovation of executive office space. These renovations and the creation of VITA present a unique opportunity to restructure voice, data, and video communications provisioning in seat-of-government buildings.

# Major Project Description Report

## Project Business Objective:

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1000129
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of State Police
<b>Project Formal Title:</b>	Statewide Mug-shot and Other Images Repository

## Project Description:

Provide the means to accept, process, store, retrieve, and search mug-shots and other images (scars, marks, and tattoos) from local law enforcement agencies. These images will be sent to VSP as part of a National Institute of Standards and Technology (NIST) package generated from a criminal arrest process or Sex Offender registration.

## Project Scope:

The proposed solution would build upon new functionality being implemented through the Charge Standardization Project (CSP). Through CSP, new booking identification stations will be implemented capable of capturing and submitting to VSP the FBI's Type-10 records which include mugshots and scars, marks and tattoos (SMTs). SMTs are also included in the scope of this project. Once the Type-10 records are submitted, the mugshots and SMTs would be added to the proposed statewide mugshot system. The mugshot database would be made available to law enforcement agencies across the state for inquiry and line-up purposes. The mugshot and SMT photos would be made available to criminal justice users through VSP's VCIN.

## Project Business Objective:

Provide state and local law enforcement agencies with real-time access to mugshot photos, on a statewide basis, through VCIN to help them investigate crimes, locate wanted persons, etc. Make the use of mugshot photos routine for law enforcement to help improve their effectiveness. Eliminate current procedures where mugshot photos are faxed between localities. Avoid the need for each local law enforcement agency to develop their own mugshot system.

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<b>ProjectID:</b>	1000133
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of State Police
<b>Project Formal Title:</b>	Central Criminal Repository Improvement

## Project Description:

This proposal would update all central repository databases, interfaces, and related applications required by Virginia State Police from a dated, inflexible legacy software platform to a current, efficient, and flexible one. While studying these applications, this project will include the search for opportunities to improve efficiency and take advantage of the vast improvements that current information technology can provide. The new software solutions will be built on proven, accepted, state-of-the-art programming languages and database products. These software solutions will incorporate new NLETS and FBI standards including the Global Justice XML Data Model (GJXDM) when applicable. The central repository system will be designed to accommodate improved interfaces with related law enforcement systems within the agency such as the Virginia Records Management System (VRMS) and throughout the law enforcement industry such as NDEx and LInX.

## Project Scope:

# Major Project Description Report

The Virginia State Police central repository databases are populated by law enforcement, courts, and corrections agencies statewide to meet specific federal and state mandates. These databases are accessed by law enforcement, prosecutors, courts, and corrections agencies from across the country to facilitate criminal justice processing. The central repository applications included in the project are:

- Wanted Persons, Missing Persons, Stolen Vehicles and Parts
- Computerized Criminal History
- Protective Orders
- Incident Based Reporting
- Sex Offender Registry
- Concealed Handgun Permits
- Machine Gun Registry
- Firearms Transaction Processing
- Consolidated Applicant Tracking
- Master Name Index
- Task Force Investigation Processing
- Mugshots
- Expungement Tracking
- AFIS Messaging

This proposal would update all central repository databases, interfaces, and related applications required by Virginia State Police from a dated, inflexible legacy software platform t

**Project Business Objective:**

- Update all central repository applications to eliminate dependence on legacy software and to ensure that these systems will be maintainable and reliable well into the future.
- Improve the capability to interface these central repository applications with agency applications within the Virginia State Police.
- Facilitate information sharing by building the capability for these repository applications to interface with local law enforcement agency applications as well as federal law enforcement applications.

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<b>ProjectID:</b>	1000137
<b>Secretariat:</b>	Education
<b>Agency:</b>	Longwood University
<b>Project Formal Title:</b>	Purchase and Install Enterprise Resource Program (ERP)
<b>Project Description:</b>	
Purchase and installation of new ERP system to replace current SCT IA Plus system which is more than 15 years old	
<b>Project Scope:</b>	
Currently Longwood uses the SIS and FRS (student and finance) administrative system to do business. These applications are based on a 30 year old technology. The manufacturer, SCT, has indicated that SIS and FRS will no longer have enhancements because there is no ROI for them. In addition, Longwood is the only SIS/FRS institution in the state that has not yet migrated or begun a migration to Banner. Longwood IT staff have already completed mandatory VITA project management training and will be completing the two levels of project management testing before the end of August 2004. The first step of the migration will be an analysis of end user business processes in order to plan for end user training during the migration. Longwood has worked closely with SCT during the start of this project. In addition, Longwood will collaborate with VCU, Mary Washington, and William and Mary during the installation of and the migration to Banner.	
<b>Project Business Objective:</b>	
Business Objectives have not yet been entered for this project	
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Major Project Description Report

**ProjectID:** 1000141  
**Secretariat:** Education  
**Agency:** Virginia State University  
**Project Formal Title:** Student IT Services

**Project Description:**

Services include VSU Intranet, space utilization, and IT "anytime" availability:

Student IT Help Desk; Web & printed self-help resources; Software distribution & tracking;  
Dorm PC labs; Cyber cafes; Academic support services IT; Fee-based printing; Single signon authentication;  
Student web-folios.

**Project Scope:**

The purpose of this project is to provide new and improved IT services for students. Today's students expect previously unimagined flexibility and convenience from their education service providers. VSU cannot provide peer-leading location-independent services until it re-engineers its programs and services to meet its customers' needs. This project will help to establish the technical foundation for a University-wide electronic environment that promotes the VSU brand-name, culture, and values and will enable a "just-in-time" information access and delivery for VSU students.

**Project Business Objective:**

Business Objectives have not yet been entered for this project



**ProjectID:** 1000188  
**Secretariat:** Natural Resources  
**Agency:** Virginia Museum of Natural History  
**Project Formal Title:** Adventure Classroom

**Project Description:**

Installation of a state of the arts videoconferencing science classroom.

**Project Scope:**

Installation of a state of the arts videoconferencing science classroom. This project will allow the museum to meet its primary IT goal of using technology to reach and meet the needs and expectations of all citizens. The museum is limited in the number of people that it can reach with hands-on education experiences. Through technology, VMNH can reach citizens across the Commonwealth of Virginia through distance-learning experiences involving scientists, educators, private citizens, students and teachers. This classroom will serve as a distance-learning laboratory connected to the local and Virginia IT network where science education at-a-distance can be performed, studied, and improved. This issue relates to the museum's Core Business Activity to provide and promote opportunities for citizens to expand their knowledge, skills and cultural awareness through science, art, music, drama, literature, dance, and other educational services and to assist the Governor in statewide management o

**Project Business Objective:**

# Major Project Description Report

This videoconferencing classroom will be installed into the new VMNH building under construction. Installation of a state of the arts videoconferencing science classroom. This project will allow the museum to meet its primary IT goal of using technology to reach and meet the needs and expectations of all citizens. The museum is limited in the number of people that it can reach with hands-on education experiences. Through technology, VMNH can reach citizens across the Commonwealth of Virginia through distance-learning experiences involving scientists, educators, private citizens, students and teachers. This classroom will serve as a distance-learning laboratory connected to the local and Virginia IT network where science education at-a-distance can be performed, studied, and improved. This issue relates to the museum's Core Business Activity to provide and promote opportunities for citizens to expand their knowledge, skills and cultural awareness through science, art, music, drama, lite

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<b>ProjectID:</b>	1000207
<b>Secretariat:</b>	Administration
<b>Agency:</b>	State Board of Elections
<b>Project Formal Title:</b>	Virginia Election and Registration Information System (VERIS)

**Project Description:**

New statewide voter registration and election management system. This project will be 100% federally funded.

We will manage risk by employing the guidelines for risk management established in the Commonwealth of VA Project Management Guideline ITRM Guideline GOV 2003-02.2.

**Project Scope:**

In 2002, Congress passed the Help America Vote Act of 2002 (HAVA). The Act placed new requirements on states including specific requirements for a "single, uniform, official, centralized, interactive computerized statewide voter registration list defined, maintained, and administered at the State level." Virginia now uses a centralized voter registration system known as the Virginia Voter Registration System (VVRS), first developed in 1973. In 1988, VVRS underwent a major revision that moved the system from batch-driven to interactive. While the system has evolved over time to meet ever-expanding requirements, it is, and throughout its life has been, a COBOL application resident on a Unisys mainframe. The State provides secure access to VVRS for each locality by frame relay circuits running between each locality's voter registration office and VITA. VVRS does not meet all of the requirements of HAVA. The system is costly to maintain and costly to modify. Studies completed in the 1990's recommended replacement of the system. HAVA's specific requirements and the degree to which VVRS meets those requirements are as follows: Requirement #1: Single Centralized System single, uniform, centralized, interactive computerized statewide voter registration list that includes eight distinct features. VVRS partially meets this requirement because each registration office maintains separate lists of some registrants (e.g., temporary federal-only voters). Requirement #2: List Maintenance VVRS partially meets this requirement. List maintenance still involves manual processes that result in errors (e.g., non-felons removed as felons). VVRS cannot identify duplicate registrants across localities. Requirement #3: Security VVRS fully meets this requirement. Requirement #4: National Voter Registration Act of 1993 (NVRA) compliance and safeguards to ensure that eligible voters are not removed in error. VVRS partially meets this requirement. The confirmation process still involves manual processes that result in human errors (e.g., people removed in error or not removed when they should be). Requirement #5: SSN Verification through DMV VVRS does not meet this requirement. While this is optional for Virginia, SBE has opted to include this as part of the VERIS project development specification. Should this be excluded from the project, in federal elections some voters would be subject to identification requirements different than Virginia now has. SBE is including this as a requirement so that poll workers will not have to treat one class of voters differently. Project planning and execution will follow the Commonwealth Project Management Policies, Standards and Guidelines. An experienced Project Manager has been hired.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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Major Project Description Report

**ProjectID:** 1000209  
**Secretariat:** Transportation  
**Agency:** Department of Transportation  
**Project Formal Title:** Roadway Network Systems

**Project Description:**  
Upgrade of system for roadway management and reporting.

**Project Scope:**

**Project Business Objective:**  
Business Objectives have not yet been entered for this project

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**ProjectID:** 1000210  
**Secretariat:** Transportation  
**Agency:** Department of Transportation  
**Project Formal Title:** American Association of State Highway & Transportation Officials (AASHTO)  
Bridgeware Implementation

**Project Description:**  
Virtis is for load rating. Opis is for bridge design. Pontis is for bridge management (inspections).

**Project Scope:**  
The design method and specifications used for structure design are changing. VDOT Structure and Bridge Division (S&B) must replace the existing design programs with new, Load Factor Resistance Design(LFRD) capable, programs several years prior to 2007 in order to train and transition the designers to the new design process and specifications. BRIDGEWare Implementation will consist of establishing the combined database, determining the VDOT S&B parameters and entering them into the system, testing software and installation process, and training of personnel in LFRD design theory the use of the new software system.

**Project Business Objective:**  
Business Objectives have not yet been entered for this project

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**ProjectID:** 1000224  
**Secretariat:** Health & Human Resources  
**Agency:** Department of Social Services  
**Project Formal Title:** Child Care System

**Project Description:**  
This functionality will be incorprated into the Integrated Social Services Delivery System. It will NOT be a separate System.

**Project Scope:**

# Major Project Description Report

The Child Care Project encompasses several pieces of major functionality: the Child Care and Development System, Simplified Sign-on, and Master Customer ID.

The Child Care and Development System will streamline the activities of the local worker and provide reports to manage the child care program. The high level user requirements consist of the following components: Wait List Management, Intake, Case Management, Provider Resource Management, and Financial Management. An RFI was released in November 2004 to obtain information regarding commercially available child care applications.

**Project Business Objective:**

The Child Care and Development Program User Group developed the following objectives for this project:

- o Develop a comprehensive child care system in order to prepare children to be successful in school and later in life
- o Enhance/replace system-wide technology infrastructure in order to enable workers to provide faster and more effective services to clients

The business objectives of the project were defined by the Child Care and Development Program User Group and are sponsored by the Virginia Social Services Systems (VSSS) Strategic Planning Goal 3 Steering Committee. The VSSS Strategic Plan was developed by both state and local staff with both the goals of the state agency and local agencies in consideration; therefore, the VSSS plan is also the VDSS Strategic Plan. "Goal 3," one of the seven VSSS strategic planning goals, is to "improve business productivity through effective automation" The Goal 3 Steering Committee provides guidance and oversight for the Child Care Proj

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<b>ProjectID:</b>	1000225
<b>Secretariat:</b>	Health & Human Resources
<b>Agency:</b>	Department of Social Services
<b>Project Formal Title:</b>	Integrated Social Services Delivery System (with MAPPER Replacement)
<b>Project Description:</b>	

# Major Project Description Report

The Virginia Department of Social Services (VDSS) seeks to develop a browser-enabled information system reengineered to reflect the best business processes and data needs for the local and state workers who provide benefits and services to Virginia customers. If re-engineered to effectively process the information needs of both customers and workers, the resulting system can provide for one-time entry of data, provide streamlined processes for quicker service delivery, and provide a method to share data in a secure manner with other users, managers and, where appropriate, customers. An integrated system will lower systems development and maintenance costs, improve the state's ability to provide future services, and allow local agencies to operate more effectively. Programs of this nature and magnitude are currently funded and active in several other states. The ISSDS is being called a program because it supports several individual projects that make up ISSDS. The VDSS completed a Business Process Re-engineering effort in October 2005 completing a "To Be" model. The BPR Change Management Plan will be a guide to the ISSDS Program in identifying IT initiatives or "projects" to support the needs of the business programs within the department, while leveraging the technologies of all our systems.

## Child Care System Project

The ISSDS Program has many components and therefore, can be broken into projects. One such project is the Child Care System. This project is 100% federally funded. The Child Care Program is a key component of the welfare reform initiative and is crucial to the goal of self-sufficiency for many low-income families. Most localities handle this function manually today, must perform duplicate searches to locate pertinent customer information in other systems, and must key duplicate information into State systems. A fully automated system for child care will provide and improve both local and state program management (reducing client wait time while improving quality of services), improve the ability to analyze encumbrances and expenditures, assessment of child care unmet needs, and timely information regarding children and families served, providers utilized, and costs of child care. An automated system is needed for all components of the Child Care Program.

## Effect on the ISSDS Program

The new Child Care system may serve as a prototype application for the new Integrated Social Services Delivery System (ISSDS) Program. To achieve this, key technical guidelines required by both projects must be developed in a timely manner and key infrastructure components must be installed prior to roll-out of a Child Care system. A strategic design of Child Care will reduce later potential modification in both the project and overall program, provide a database and infrastructure for migration of other systems, and reduce overall costs to the state.

## MAPPER Conversion Project

Convert Mission Critical MAPPER applications to J2EE in order to reduce operating costs and enable the agency to migrate from obsolete technologies and increase VDSS IT productivity and services to customers within a Web environment. VDSS made a decision in the early 1980's to utilize Unisys' application development product, MAPPER. MAPPER has served the agency well over the years, and critical business applications such as ADAPT run on the MAPPER platform. As the Virginia Social Services System (VSSS) looks to its future and the need for integrated applications to support its business, continued reliance on MAPPER provides challenges: • MAPPER is its own environment and does not interface well with the rest of the VSSS applications. Isolated/stove pipe applications do not fit the integrated needs of VSSS in support of the agency's strategic direction. • MAPPER is not a flexible platform; programs are difficult to understand and even more difficult to change • Talent to support MAPPER is hard to come by • MAPPER for many reasons does not fit well into the modernization of systems that VSSS is considering. Eliminating MAPPER will provide substantial cost savings by eliminating an expensive hardware platform and the MAPPER licenses. There is a high risk that MAPPER will not be supported by Unisys after the next 5 to 10 years, and plans to get out of MAPPER are currently underway.

## Project Scope:

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Scope of Planning Effort: The ISSDS program is in the planning phase. Preliminary information obtained from other states indicates that planning activities are significant, including extensive involvement of locality staff, development of technical standards, cost benefit analysis, and detailed project planning. In support of this effort, business process re-engineering is currently underway for state and local social services business programs.

Quick Hits (concurrent with Planning):

- Simplified sign-on to major legacy systems
- Improved customer searches (partially addressed in SFY06) and sharing of customer information as appropriate
- Master customer identification number (partially addressed in SFY06)
- Legacy system connectivity
- Policy reviews and consolidation
- Manual revisions and updates

The Quick Hits are being addressed while researching and analyzing an approach to integrate social services legacy systems. In SFY06, some of the items above were ad

**Project Business Objective:**

The business objectives of the ISSDS program are defined by the Virginia Social Services Systems (VSSS) Strategic Planning Goal 3 Steering Committee. This strategic plan was developed by both state and local staff with both the goals of the state agency and local agencies in consideration; therefore, the VSSS plan is also the VDSS Strategic Plan. i\$Goal 3,i" one of the seven VSSS strategic planning goals, is to i\$improve business productivity through effective automationi" The Goal 3 Steering Committee provides guidance and oversight to the ISSDS program and all related efforts (including last yeari's business process re-engineering efforts).

The three business objectives of the ISSDS program directly support the objectives of Goal 3 of the VSSS Strategic Plan:

- 3.01 Optimize business processes
- 3.02 Increase efficiency of IT solutions to meet the needs of stakeholders and users

A full description of Goal 3i's specific objectives and current measures is at <http://www.ds>

<b>ProjectID:</b>	1000227
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of Criminal Justice Services
<b>Project Formal Title:</b>	Grants Tracking
<b>Project Description:</b>	
DCJS disburses in excess of \$230 million annually in Federal and State Funds to state and local agencies through a series of formula and competitive grant programs. The agency awards approximately 900 grants per year. Our existing tracking system needs to be upgraded to meet DCJS and our customers current needs. A priority will be to make the new system interactive and accessable online.	
<b>Project Scope:</b>	
This has been an ongoing project for about one year. We are using existing agency personnel and resources for this project. The purpose of this project is to automate the agency grant application, evaluation, approval, and management processes for the benefit of our grantees, the Criminal Justice Services Board, DCJS grant management staff and DCJS grant monitors. This project is being developed in house with existing staff in a web based system to provide this improved access and information to our grantees.	
<b>Project Business Objective:</b>	
Business Objectives have not yet been entered for this project	

# Major Project Description Report

**ProjectID:** 1000234  
**Secretariat:** Health & Human Resources  
**Agency:** Dept. of Mental Health, Mental Ret. & Sub. Abuse Svcs.  
**Project Formal Title:** Clinical Apps/EMR

**Project Description:**

This project involves the purchase of a comprehensive clinical information system for behavioral healthcare that manages the care data of thousands of patients in the facilities. In order to properly manage the care provided, clinical data in the form of thousands of transactions per facility per day needs to be collected, stored and analyzed using an electronic medical record. The system would be implemented at all sixteen facilities and Central Office and would help to eliminate the manual data processes still used in many clinical areas. An electronic medical record, supported by a suite of clinical applications will greatly reduce risk while greatly increasing operational efficiencies, cost savings and most important of all, patient satisfaction.

Anticipated funding source: General Funding

**Project Scope:**

Purchase of a comprehensive clinical information system for behavioral healthcare that manages the care data of thousands of patients in the facilities. In order to properly manage the care provided, clinical data in the form of thousands of transactions per facility per day needs to be collected, stored and analyzed using an electronic medical record. The system would be implemented at all sixteen facilities and Central Office and would help to eliminate the manual data processes still used in many clinical areas. An electronic medical record, supported by a suite of clinical applications will greatly reduce risk while greatly increasing operational efficiencies, cost savings and most important of all, patient satisfaction.

**Project Business Objective:**

Manage the appropriate intervention planning and execution processes (treatment and training) for individuals in state facilities managed by DMHMRSAS. Provide an appropriate health record for individuals as they traverse the mental health, mental retardation and substance abuse service provision system.

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**ProjectID:** 1000237  
**Secretariat:** Education  
**Agency:** Virginia Commonwealth University  
**Project Formal Title:** VCU ARIES Project

**Project Description:**

Under this initiative, the University will modernize its aging administrative information systems and computing platforms. These systems will be replace with a modern, integrated ERP package.

**Project Scope:**

# Major Project Description Report

VCU's major administrative systems (finance, student and human resources) are currently on obsolete technology and do not provide the functionality that the University needs to be competitive. Under this initiative, the University will modernize its aging administrative information systems and computing platforms. The existing systems will be replaced with a modern, integrated ERP suite of applications. This modernization is expected to enhance service delivery to faculty, students and staff in ways that cannot effectively be accomplished with the existing core technology resources in place, which are graded (COV Enterprise Architecture guidelines) as obsolete. For example, the existing mainframe platform and application systems do not allow for:

(1) Real-time interoperability with external systems intended to enhance University operations, including the Commonwealth's eVA procurement system, the University's e-Learning/course management tool which provides web-based instructional support, VCU's facilities management system, and an outsourced web system for receiving job applications; these and other interfaces must be accomplished in batch mode, which often extends processing time and diminishes customer service. (2) Integrated, native web user interfaces to increase customers access to services; those needs are being partially met through a middleware product which requires significant programming and support, and does not provide the full range of content and capabilities desired. (3) Support for single sign-on and authentication; not having that functionality makes navigation between software applications awkward and requires users to have multiple ID's, in turn impeding security efforts. (4) Fluid connectivity to electronic communications and automated workflow tools; not having that capability hampers administrative re-engineering. (5) Reallocation of resources from infrastructure support to user and application support and development.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1000238
<b>Secretariat:</b>	Education
<b>Agency:</b>	Virginia Commonwealth University
<b>Project Formal Title:</b>	VCU ACES Project: Modernization of Communications Infrastructure

**Project Description:**

The VCU ACES Project will modernize the telephony infrastructure and services at VCU. The University will implement a state-of-the-art hybrid IP PBX system to provide a higher level of service at lower cost for University and Health System customers. Sections of the data network will be upgraded to enable IP Telephony to the desktop. Implementation will occur over a 18 month period starting in the spring of 2005. The University's strategy is to replace all of its obsolete Key System Units and many of it's individual Centrex telephone lines with an on premises PBX. The solution will utilize a combination of traditional telephony and VoIP to provide the optimal mix of reliability, flexibility, and cost effectiveness. The University will upgrade it's data network in conjunction with the telephony system to support voice and data convergence as well as provide very high speed networking to the VCU community.

**Project Scope:**

VCU will modernize its telecommunications infrastructure using a hybrid approach of IP and tradition PBX technology. Where a higher level of reliability is needed, traditional digital phones and a PBX will be installed. The PBX can also serve to support IP phones where their use is indicated. Communications between PBX units will occur over the data backbone. The hybrid IP/PBX solution does not provide an immediate and full convergence of data and telephone networks, but does begin a migration in that direction. Upgrades to the data infrastructure will be required to provide appropriate voice quality. With a hybrid approach, migration to an all IP network can occur in stages as the technology matures, so data network upgrades are spread out over several years. The initial deployment will see about 30% of University users receiving an IP phone on the desktop. The upgrades to support these phones are similar to the improvements that would eventually occur within the data network without

**Project Business Objective:**

1. Enable new voice and data applications to support the University's mission.
2. Provide a robust, flexible and very high speed campus network to tmeet the communications needs of VCU's students, faculty and staff.
3. Converge the voice and data network infrastructure and support organization.

# Major Project Description Report

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**ProjectID:** 1000241  
**Secretariat:** Commerce and Trade  
**Agency:** Dept. of Professional & Occupational Regulation  
**Project Formal Title:** Electronic Access to the Government Licensing and Enforcement System(EAGLES)

**Project Description:**

Note; Project restarted 8/19/2004 NOTE: EAGLES Project was stopped 9/30/2002 due to budget constraints. The anticipated completion date can not be determined as the project has not yet been re-started as of 7/15/2003. EAGLES will be a web enabled application to replace the two legacy systems, CLES and ETS, and will also support the agency's new business requirements. These new requirements include the filing of applications for initial and renewal licensure.

**Project Scope:**

System Automation (SA) will provide professional and technical services to implement the Commonwealth's enterprise licensing system, License 2000 and MyLicense for DPOR to replace CLES and ETS. The statement of work is based on System Automation's review of DPOR's EAGLES requirements document. The specific services required to implement the system are based on System Automation's proven implementation approach. The configuration of the system will be based on a certain number of license types. SA will support the following:

- 1) Configuration of License 2000 for 120 license types.
- 2) Creation of 5 document templates (Word documents) – Through this process DPOR staff will gain knowledge and experience to create an unlimited number as needed.
- 3) Report development – SA will develop 30 custom reports for DPOR. Through this process DPOR staff will gain knowledge and experience to create additional reports as needed.
- 4

**Project Business Objective:**

Develop a web-based licensing and enforcement system to enable customers to complete and submit new license applications and consumer complaints online

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**ProjectID:** 1000242  
**Secretariat:** Agriculture & Forestry  
**Agency:** Department of Agriculture & Consumer Services  
**Project Formal Title:** Reengineering/Conversion of Legacy Applications

**Project Description:**

The agency has 32 major application areas, 25 of which are still legacy applications running on the 9221 mainframe computer. These applications include Virginia's Finest; Food Inspection Services; Food Distribution; Promotion and Marketing Services; Market News; Weights and Measures; Meat and Poultry; Dairy Services; Livestock Marketing; Pesticide Management; Feed, Fertilizer and Seed Regulation; Consumer Affairs Complaint Tracking; Motor Fuel Regulation; Applicant Tracking; and the agency Financial System. These applications have been developed over the last 15 years, and are in need of reengineering/redesign to be able to provide e-government functionality. IT staff will be working with staff in program areas to reengineer business processes. While the costs associated with a straight conversion are obtainable, the cost to make changes resulting from business process changes is not. A vendor will be hired to assist with converting and re-engineering 13 of the legacy applications.

**Project Scope:**

No Project Scope Provided.

# Major Project Description Report

## Project Business Objective:

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1000255
<b>Secretariat:</b>	Transportation
<b>Agency:</b>	Department of Motor Vehicles
<b>Project Formal Title:</b>	Integrated Systems Redesign

## Project Description:

Redesign DMV core mainframe systems and related applications.

## Project Scope:

The CSS Redesign focuses on the fragmented processing of DMV's three major business areas: driver, vehicle, and motor carrier. The purpose of the redesign is to transform these fragmented fifteen year old systems into one modernized system that is responsive to the ever-changing needs relating to internal security, homeland security, legislative mandates, and customer relationship management. Project completion is estimated to take 3 years with a total estimated cost of 32.6 million dollars. DMV plans to use contractors for personnel services resulting in no increase to IT FTEs. The solution to the fragmentation/modernization issue may come in the form of commercial off the shelf software, and in-house development effort, or a combination of both.

## Project Business Objective:

The expected outcomes of the project include:

1. Duplication of records eliminated.
2. Cases of identity fraud significantly reduced.
3. Criminal activity risks significantly reduced or eliminated.
4. Data is securely shared between headquarters and service centers.
5. Ability to more quickly respond to government mandates.
6. Obtain compliance with current regulations.
7. Single transaction functionality through a "shopping cart" approach.
8. Total time of customer's visit to DMV significantly reduced.
9. Record management that allows the tracking of customers and their related records across all critical business areas and related platforms.
10. Customer more likely to have a positive DMV experience.
11. Entire libraries of information (policies, procedures, etc.) available at each DMV customer service workstation.

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<b>ProjectID:</b>	1000264
<b>Secretariat:</b>	Finance
<b>Agency:</b>	Department of Accounts
<b>Project Formal Title:</b>	Commonwealth Integrated Payroll/Personnel System (CIPPS) FINDS Web

## Project Description:

Replace CIPPS/FINDS system using with a WEB based technology. The new system will have added functionality and decrease VITA charges associated with the mainframe FINDS system.

## Project Scope:

The project will reduce cost and improve user productivity.

## Project Business Objective:

Business Objectives have not yet been entered for this project



# Major Project Description Report

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**ProjectID:** 1000278  
**Secretariat:** Education  
**Agency:** Old Dominion University  
**Project Formal Title:** Digital Library

**Project Description:**

The objective of the proposed work is to design, implement, and deploy a digital library for all institutions. s to design, implement, and deploy a digital library for the University. The proposed digital library would catalogue and store a wide range of content to include institutional profiles, facilities, and researchers.

**Project Scope:**

No Project Scope Provided.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000395  
**Secretariat:** Technology  
**Agency:** Virginia Information Technologies Agency  
**Project Formal Title:** Commonwealth Technology Portfolio Version 2, Phase 2

**Project Description:**

To implement an IT investment portfolio management tool.

**Project Scope:**

The Commonwealth Technology Portfolio (short title:IT Portfolio)Project will automate portfolio management and related functions through implementation of an integrated project and portfolio Commercial Off-the-Shelf (COTS) product. The selected COTS tool is ProSight Portfolios. The project will deliver a Commonwealth and Agency (VITA) Project Portfolio. The Commonwealth level functionality will include IT investment portfolio analysis and reporting, project management, work flow, document management, portfolio financial management and dashboard reporting. The Agency (VITA) level functionality will include project management, work flow, resource management, time reporting, project cost accounting and dashboard reporting at the Agency level. The implementation team will be comprised of VITA Project Management Division (PMD)and Enterprise Architecture Solutions and Services staff (EASS)staff, subject matter experts, and contracted services for training, implementation and consulting sup

**Project Business Objective:**

The expected beneficial outcomes to be achieved as a result of this project are:

- Better analysis of the technology portfolio for the CIO and ITIB investment decisions.
  - Identification of collaboration, consolidation and enterprise opportunities.
  - Improved project management and oversight to increase project success rates and reduce project costs.
  - Ability to determine the total amount of dollars spent on technology.
  - Improved project cost and time estimations for future endeavors based on captured historical baseline data.
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## Major Project Description Report

**ProjectID:** 1000729  
**Secretariat:** Public Safety  
**Agency:** Department of Criminal Justice Services  
**Project Formal Title:** Replace Phone Systems at Division of Forensic Science

### Project Description:

Replace existing obsolete key phone systems in all 4 lab facilities to provide for DID, Voice Mail and additional extensions at NoVa, Norfolk and Roanoke labs. Replace existing Verizon ISDN/analog phone system for DID, Voice Mail at Central Lab. Cost estimate for each lab based on current technology and equipment; Eastern-\$200,000, Northern-\$200,000, Western-\$200,000, Central-\$400,000.

### Project Scope:

This project will improve the phone systems in all 4 Division of Forensic Science Lab facilities allowing for greater phone features and additional functionality. This project has not yet begun.

### Project Business Objective:

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000731  
**Secretariat:** Public Safety  
**Agency:** Department of Criminal Justice Services  
**Project Formal Title:** Replacement of Building Access System for Division of Forensic Science

### Project Description:

Replace the building access control system with state of the art technology to provide security for personnel and evidence. Cost estimate for each lab based on cost of current technology and equipment. Eastern Lab-\$200,000, Western lab-\$200,000, Northern Lab-\$200,000, Central Lab-\$400,000. No source of funding has been identified for this project.

### Project Scope:

Improve the security systems in the 4 Division of Forensic Science labs to a more state of the art technology. Extensive planning for this project has not yet begun.

### Project Business Objective:

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000744  
**Secretariat:** Education  
**Agency:** Jamestown-Yorktown Foundation  
**Project Formal Title:** JYF Ticketing Improvements

### Project Description:

Encompasses projects/tasks related to replacing the JYF ticketing system (On-line ticketing, "timed-access ticketing", ticket printing, and ticketing system replacement) Project was approved in RTIP during 2004-2006 biennium with potential non-general fund source. Funding has since been identified for FY'06 of \$235,000 V400 fund and remainder from agency generated funds.

### Project Scope:

Implement a ticketing/scheduling/resource management software package to replace existing six year old system. This project includes all hardware, software and peripherals used in the daily operation of the current system.

# Major Project Description Report

## Project Business Objective:

Jamestown-Yorktown Foundation must do several things to improve customer service to provide needed 2006-2008 service levels. Time based admittance to segments of the visitor experience and Online/Off-Site ticket sales are critical. Better reporting and scheduling of resources will assist JYF to meet customer expectations during their visits.

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**ProjectID:** 1000756  
**Secretariat:** Public Safety  
**Agency:** Department of State Police  
**Project Formal Title:** Statewide Agencies Radio System

## Project Description:

Upgrade existing Virginia State Police Land Mobile Radio and microwave networks to create a shared network for all agencies.

## Project Scope:

The State Police Land Mobile Radio Network was installed in 1977. Much of the current equipment is of this vintage and needs to be replaced. Throughout the years, the mobile radios have been reinstalled in vehicles approximately six times. In addition, the network utilization is far over-capacity and the antiquated technology will not support mobile data. The contract for a system, which will make maximum benefit of the currently functioning infrastructure, and provide a state-of-the-art public-safety-grade statewide-integrated voice and data network, is in the final stages of negotiations.

## Project Business Objective:

Business Objectives have not yet been entered for this project

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**ProjectID:** 1000761  
**Secretariat:** Administration  
**Agency:** State Board of Elections  
**Project Formal Title:** Campaign Finance Management System

## Project Description:

Consolidated system to manage e-filed campaign finance reports: new software for e-filers that integrates seamlessly with SBE mgmt software, posts reports to the SBE web site, meets all legal reqs, allows localities to accept e-filings.

## Project Scope:

COTS package; customization services; and on-going license and support agreement. SBE will also need to engage a project manager for the duration of the project.

## Project Business Objective:

To create a robust, maintainable infrastructure in support of the administration of the Campaign Finance Disclosure Act and to provide an opportunity for local governments to accept electronic filings.

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**ProjectID:** 1000772  
**Secretariat:** Commerce and Trade  
**Agency:** Virginia Employment Commission  
**Project Formal Title:** Web-based Financial Management Accounting System

# Major Project Description Report

**Project Description:**

The VEC’s financial personnel and management staff have struggled for many years to obtain timely financial and useful management information from the existing accounting system for Federal reporting, which is based upon one developed for State Employment Security Agencies in 1969. The existing system is complex, inflexible, fragile, and not user friendly. Funding for a new system would come from non-general funds.

**Project Scope:**

The VEC wishes to procure a web based financial management/accounting system to replace its mainframe batch system. The new system will include modules for accounts payable, accounts receivable, general ledger, cost allocation, time distribution and procurement. Financial data is processed in an on-line, real-time environment. These features will greatly improve efficiency in financial processes, availability of management information, and the accuracy of accounting reports thus reducing the potential for audit findings. It is a strategic technology.

**Project Business Objective:**

FARS will provide solutions to several requirements, which, with the existing financial system, cannot be met or can be accomplished only through labor-intensive efforts.

- 1. FARS will provide access to financial data at any point in time and will show the results of processing up to that time. Payment batches entered either on-line or through the magnetic media interface with CARS will be posted and subject to verification. On-line corrections by selected financial personnel will be possible.
- 2. Users in operating divisions will be able to view results of transactions processed “to-date” and to view standard expenditure and budget reports “as of” selected points in time.
- 3. Daily posting will facilitate cash management and greater accuracy in drawdown amounts will be possible.
- 4. Accumulation of costs by quarter within FARS will improve the efficiency of quarterly reporting to the Federal government. Standard DOL reports will be built into FARS for easy printing.
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<b>ProjectID:</b>	1000782
<b>Secretariat:</b>	Technology
<b>Agency:</b>	Virginia Information Technologies Agency
<b>Project Formal Title:</b>	Road Centerline / Addressing (Virginia Base Mapping Program)

**Project Description:**

Creating a digital road centerline that is fully integrated with the VBMP digital orthophotography and includes address range attribution to support routing applications (E-911)

**Project Scope:**

Road centerlines are the backbone for locating associated facilities and conditions, as well as street addressing. Currently, there is no single standard source of centerlines in the Commonwealth. The Virginia Base Mapping Program provides the opportunity to create such a standard source from the VBMP statewide digital orthophotography. Working with VDOT and local governments, VGIN will reconcile current local and state centerline data with the VBMP digital mapping to create a single centerline file for state and local applications.

**Project Business Objective:**

Business Objectives have not yet been entered for this project



# Major Project Description Report

**ProjectID:** 1001073  
**Secretariat:** Administration  
**Agency:** Department of General Services  
**Project Formal Title:** Real Estate Portfolio Management

## Project Description:

In late 2002, the Governor's Commission of Efficiency and Effectiveness issued a report suggesting that an enterprise-wide review of the Commonwealth's management of its real estate operations should be undertaken, with a view towards cost-savings opportunities, efficiencies and improved management practices. In September 2003, the Department of General Services retained CB Richard Ellis (CBRE) to provide consulting services involving an operational review and recommendations for improvements to the Commonwealth's system for managing its owned and leased portfolio of real property assets. The report concluded that based on the initial review of leasing practices, market timing issues, facilities management and space utilization, millions of dollars in savings may be achievable with changes in real estate operations within the Commonwealth, including establishing full accountability over the leasing process with DGS. In June 2004, Phase II of the CBRE study was initiated in order to develop specific steps for implementing the recommended changes and to quantify potential costs savings. Maximum savings will be achieved when the Commonwealth can benefit from economies of scale critical to gaining market leverage in leasing and contracts, reducing redundant support areas, increasing space utilization and more effectively allocating labor. In May 2004, Governor Warner's Management Objectives for 2004-2005 established the real estate management objective: implement a consolidated, fully integrated system for the state's real estate management, resulting in a 15% - 20% decrease in total leased office space. DGS is actively working to transform Virginia's decentralized real estate transactions process into a Real Estate Portfolio Management System and to implement the recommendations from the CBRE study. In January 2005, the Division of Real Estate Services (DRES) was established to lead the change and the former Bureau of Real Property Management was eliminated. The CBRE Phase II report studied IT alternatives based on the final solution supporting functionality in portfolio data management, lease administration, transaction management, facilities management, workplace management, document and decision management and strategic planning. Data elements required for improvement portfolio management were identified, the existing system capabilities were assessed and alternative systems available in the marketplace were identified and evaluated. The existing PLATS database is several releases behind and, as currently being used and maintained, cannot be relied upon to monitor the Commonwealth's real estate effectively. Options evaluated by CBRE included hosted and installed solutions in the following categories: Enterprise Wide Solution: An integrated, third-party system providing functionality for the management of real estate assets, leases, and facilities, replacing three systems already functioning in the Commonwealth in the areas of facilities and document/decision management. This application would need to interface/integrate with the state's financial systems including general ledger, accounts payable, accounts receivable, fixed assets, and treasury accounting. Focused Solution: A system offering most of the critical areas of functionality of an integrated package, but would not replace the three systems already functioning well in the Commonwealth. Targeted Solution: A system that offers exceptional capabilities in one or a few, but not in a majority, of the functional areas. CBRE's final report recommends a course of action to implement a solution that would fill the gaps in required functionalities while preserving the currently functioning technology investments. In addition an interim solution of performing currently available upgrades to the PLATS system and continue its use is also being evaluated. This project will take the requirements currently being defined by DRES to design and implement an application that supports the Commonwealth's Real Estate

## Project Scope:

Implement a consolidated, fully integrated system for the state's real estate management, resulting in a 15% - 20% decrease in total leased office space. Options evaluated included hosted and installed solutions in the following categories: Enterprise Wide Solution: An integrated, third-party system providing functionality for the management of real estate assets, leases, and facilities, replacing three systems already functioning in the Commonwealth in the areas of facilities and document/decision management. This application would need to interface/integrate with the state's financial systems including general ledger, accounts payable, accounts receivable, fixed assets, and treasury accounting. Focused Solution: A system offering most of the critical areas of functionality of an integrated package, but would not replace the systems already functioning well in the Commonwealth. Targeted Solution: A system that offers exceptional capabilities in one or a few, but not in a majority, of

## Project Business Objective:

Provide a real estate portfolio system that results in a 15%-20% decrease in total leased office space.

# Major Project Description Report

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**ProjectID:** 1001096  
**Secretariat:** Education  
**Agency:** Virginia Community College System  
**Project Formal Title:** AIS Administrative Information System

**Project Description:**

The VCCS strategy is to replace mainframe-based financial, asset management and limited procurement functionality with PeopleSoft Financials (Version 8.9). In addition to the replacement of legacy software, the implementation of an Administrative Information System (AIS) for finance will include re-engineering of business processes (both automated and manual) and development and implementation of interfaces to VCCS and Commonwealth of Virginia systems with the objective of improving service delivery to customers—the VCCS students, faculty and staff.

Detailed scope by module and functionality is included in AIS Project Charter.

**Project Scope:**

Detailed Project Scope is included in the AIS Project Charter approved by the Commonwealth CIO on June 8, 2006.

The project will result in the implementation of the PeopleSoft Financial modules for General Ledger, Accounts Payable, and Fixed Assets. The project also includes an automated interfaces with the state procurement system, eVA, and CARS. The project scope includes all phases of the project life-cycle. The specific life-cycle methodology to be employed will include Fit/Gap analysis, design, development, testing, training, and quality assurance reviews.

**Project Business Objective:**

The proposed system will provide self-service access and business process support to students, faculty, and staff and improve workflow for major financial functions performed throughout the VCCS colleges and Central Office. Enhanced interoperability with other VCCS internal and external application systems will provide additional benefits from information sharing, elimination of redundant data entry, and business process improvement.

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**ProjectID:** 1001100  
**Secretariat:** Education  
**Agency:** Jamestown-Yorktown Foundation  
**Project Formal Title:** ERP/Accounting System

**Project Description:**

Integrated management/accounting system to consolidate accounting and management reporting for two agencies and two private affiliates.

**Project Scope:**

This project will consolidate the Foundation's accounting and reporting for one agency and two private affiliates under one system.

**Project Business Objective:**

The Foundation uses CARS to process and account for two state agencies. In order to provide meaningful financial reports for dissemination to decision makers, information must be transferred to Access and Excel. Separate accounting systems exist for the Foundation's two private affiliates further complicating the processing and reporting of financial data. An integrated system would (1) allow uniformity of procedures and allow expenditures to be uploaded into CARS; (2) provide timely data on expenses; and (3) via interface with eVA, provide balances that take obligations (encumbrances) into account. This would let the employee in charge of the procurement and management to get a true financial picture at any point in time.

# Major Project Description Report

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**ProjectID:** 1001187  
**Secretariat:** Education  
**Agency:** University of Virginia  
**Project Formal Title:** Student Systems Project

**Project Description:**

In 1998, the University of Virginia began the process of replacing its core administrative systems (finance, HR, and student). The Finance and HR phases of this project are complete, and it is now time to begin the process of replacing the student system.

The University has a mainframe-based student system, ISIS, which was put in place in 1990. This system is aging, both in terms of the software and the platform on which it runs. Because it is a mainframe based system, enhancements are difficult and expensive to implement.

The University is now beginning to embark on the pre-implementation stage of the student systems project. This will involve hiring a project director and a core team, preparing an initial project plan, mapping our core processes, and recommending an implementation approach. The University will also make a decision on which software package will be the most appropriate to install at the University. The pre-implementation phase is expected to take 18-24 months; implementation is expected to take an additional 18-24 months.

The project cost estimate is derived from one developed five years ago, with an inflation factor added. Once a project director has been appointed, the estimate will be recalculated and submitted to VITA.

**Project Scope:**

The replacement of the student system is the third phase of the University's plan to replace its core administrative systems. The current student system (ISIS) runs on a mainframe-based platform, and was designed and implemented in 1990. The system is near the end of its useful life; it is difficult and expensive to add functionality to the ISIS system, given its age. In addition, with the migration to web-based technology, students are accustomed to instant and convenient access to information.

The University is in the process of hiring a director for this project. The project director will be responsible for mapping our current processes; making recommendations on next steps for securing a software product; and overseeing the implementation phase.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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**ProjectID:** 1001306  
**Secretariat:** Transportation  
**Agency:** Department of Transportation  
**Project Formal Title:** FMS II Phase II Execution

**Project Description:**

Second phase of the Financial Management System execution

**Project Scope:**

## Major Project Description Report

The existing software and supporting technology infrastructure for the Agency's Financial Management System is about 10 years old. The vendor(s) no longer support the software and hardware. There is a significant risk that this platform will develop problems that ITA will not be able to resolve in a timely manner, which will make it impossible to conduct the financial business of the Agency during that time. In addition, the existing technology limits the Agency by making it difficult to implement other applications that employ newer technology. The approach to the project will be a two-step process. Key activities in the first phase, expected to take 12 months, will be to validate the concepts that the current Peoplesoft versions offer, develop a requirements document, select and train a core project team consisting of both business and technology resources, (including the assessment and selection of integration/consulting services), define a clear scope, and develop an accurate cost and schedule for the upgrade. The second Phase will include procurement and customization of the software and hardware and consulting/implementation services. The estimated period for completing this phase is 12 to 18 months. A better determination can be made once the requirements have been identified in Phase One.

### Project Business Objective:

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1001309
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of Corrections
<b>Project Formal Title:</b>	Phase 2 and Phase 3 of VirginiaCORIS Program

### Project Description:

The Department of Corrections has established an automated Offender Management Information System (OMS) Program, now called VirginiaCORIS. This is a major technology effort and is critical to the successful accomplishment of the DOC mission. The VirginiaCoris Program will be composed of multiple major projects over time and will result in a single, fully integrated system that should replace most of the DOC's current offender related application portfolio. The solution planned is already in production in other state DOCs, with some additional required functionality being developed and planned for deployment in the next 12 months. The proposed procurement and implementation cost for the entire VirginiaCORIS Program is approximately \$14,500,000 in total direct and indirect costs. The first project of the VirginiaCORIS Program, the procurement and installation of the Offender Sentence Calculation application, was approved for development by the Information Technology Investment Board on July 7, 2004.

### Project Scope:

The procurement of software licenses and implementation of the community corrections and the institutional operations components of the VirginiaCORIS Program.

### Project Business Objective:

The Virginia Department of Corrections (DOC) currently supervises nearly 74,000 offenders, employs approximately 12,000 staff, and manages 114 facilities and offices, with a \$793 million annual budget. In the last 15 years the DOC incarcerated offender population has increased by 95%; the number of offenders under community supervision has increased by 63%; the number of DOC employees has increased by 31%; the operating budget has increased by 127%. Our current offender related applications were developed over the last 30 years as specific applications to provide staff with the information they needed for that individual functional area. These "stovepipe" applications no longer provide the functionality needed by the DOC end users. This project will replace those legacy applications.

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<b>ProjectID:</b>	1001402
<b>Secretariat:</b>	Administration
<b>Agency:</b>	Department of Human Resources Management
<b>Project Formal Title:</b>	Employee Web Portal



# Major Project Description Report

**Project Description:**

This project will implement a web portal that would serve as the single entry point and the single sign-on for state employees to access their information located on multiple systems concerning compensation, benefits and other information residing in various agencies.

**Project Scope:**

Presently, users access their data from various agencies and various systems and usually each system has its own Login and Password associated for the user to remember. The magnitude of passwords to remember can quickly overwhelm users.

For example, they can access DOA online system for their pay statements and leave balance; access and adjust their health benefits profile that resides in DHRM client-server environment and access retirement information owned by VRS. These examples just name a few of the systems that users may use and each one requires a separate User-ID and Password.

It is not uncommon for users to forget their passwords or write them down for an easy reference. This practice is itself a security risk however we should not censure users when we are forcing them to resort to alternative ways to remember all the different combinations of User-Id and Passwords.

Initially the Employee Portal is envisioned to be a single entry point and a single sign-on for State Employees to securely interact with the Commonwealth Government Systems. It can also allow the transfer of data between applications. Later in the future an extension to the General Public can be considered.

**Project Business Objective:**

Business Objectives have not yet been entered for this project

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<b>ProjectID:</b>	1001462
<b>Secretariat:</b>	Transportation
<b>Agency:</b>	Department of Motor Vehicles
<b>Project Formal Title:</b>	TREDS

**Project Description:**

Traffic Records Electronic Data System (TREDS) Development of an Electronic system for use by Law Enforcement, DMV, and VDOT for processing of the FR300P Crash report. The new TREDS system must be able to process the capturing of traffic crash reports in three ways. The first process should be able to process paper forms utilizing bubble fields that will be used to capture the crash information. The second process should be an electronic application, on the law enforcement agency representative's laptop, which will capture and initially edit the crash information. The third process is the ability to support data electronically transmitted from law enforcement agencies that currently have third party software implemented for the capturing of crash report data.

**Project Scope:**

- The scope of the TREDS project is to include the following areas:
1. Capture as many reportable FR300P Crash Reports electronically as possible, the remainder will be done using optically recognized paper reports.
  2. Enable law enforcement to transmit the data captured electronically to the TREDS system.
  3. Store all the FR300P Crash Report information in a central data store in the TREDS system.
  4. Have the information from the FR300P Crash Reports available, in a timely manner, in various formats for traffic related entities, via the TREDS system, to analyze the crash information to enhance public safety.
  5. Scope will be refurbished once project commencesThe project will focus on Law Enforcement (State and Local), DMV, VDOT and other traffic related entities involved with traffic crash processing.

**Project Business Objective:**

# Major Project Description Report

Transportation and public safety data is currently warehoused by separate agencies in a variety of formats ranging from paper to mainframe databases to imaging systems. Data is not always consistent, because the agencies use the data for different purposes. Databases are not integrated across all agencies. Paper copies of some critical reports, such as the FR300P Crash Report form used by law enforcement personnel, are handled by multiple agencies with redundant data entry functions, resulting in inaccuracies and data availability delays. Currently law enforcement agencies and DMV/VDOT captures the data from the FR300P Crash Report twice. Automated data is stored in mainframe systems, which are difficult to query in a timely manner.

The business objectives of this project are to:

- 1. Streamline and simplify the data collection, especially for Law Enforcement officers in the field and staff in agencies.
- 2. Increase the efficiency and improve data quality by the use of automated ed

<b>ProjectID:</b>	1001467
<b>Secretariat:</b>	Commerce and Trade
<b>Agency:</b>	Virginia Employment Commission
<b>Project Formal Title:</b>	Replace VWNIS

**Project Description:**

This project will replace the existing Virginia Workforce Network Information System (VWNIS) with a modern state-of-the-art workforce Management Information System.

The plan for the current management information system was conceived in January 2000 and has provided minimal utility to the overall Workforce System within the Commonwealth of Virginia. The concept and need for a replacement system is in response to the strategic and operational directives outlined by stakeholders of the Virginia Workforce Council, Local Workforce Investment Boards, and other partners of the Virginia Workforce Network (VWN). It has been determined through interviews, gap analysis, and through problem determination/risk analysis, that the current management information system has not added the value to the overall mission of the Virginia Workforce Network. In fact, the VWNIS has become the limiting factor in the moving the vision of a unified workforce system forward within the Commonwealth.

A new workforce management information system will provide the Virginia Workforce Network with the ability to integrate the Workforce Investment Act (WIA), Wagner-Peyser, Veterans Services, Trade Act, and Labor Market Information (LMI) programs and other essential workforce system programs and components under a common information system.

The proposed project will provide the VEC with the technical components necessary to provide all publicly funded workforce programs with a system that can be jointly utilized for streamlined intake, case management and reporting functions. This common management information system will provide ALL workforce stakeholders with equal access to state-of-the-art workforce tools with the ability to coordinate and manage services among partnering agencies. In addition, this project will reduce the technology related costs incurred by the VEC's Workforce Services programs from \$1.1 million to \$488,000, resulting in a savings of \$612,000 per year. Similar savings could also likely be achieved by other partner agencies if they chose to utilize the system.

**Project Scope:**

The vision is to replace the current Virginia Workforce Network Information System (VWNIS) with a robust commercially-available off the shelf (COTS) application.

The plan for the current management information system was conceived in January 2000 and has provided minimal utility to the overall Workforce System within the Commonwealth of Virginia. The concept and need for a replacement system is in response to the strategic and operational directives outlined by stakeholders of the Virginia Workforce Council, Local Workforce Investment Boards, and other partners of the Virginia Workforce Network (VWN). It has been determined through interviews, gap analysis, and through problem determination/risk analysis, that the current management information system has not added the value to the overall mission of the Virginia Workforce Network. In fact, the management information system has become the limiting factor in the moving the vision of a unified workforce system forward within th

# Major Project Description Report

**Project Business Objective:**

The plan for the current management information system was conceived in January 2000 and has provided minimal utility to the overall Workforce System within the Commonwealth of Virginia. The concept and need for a replacement system is in response to the strategic and operational directives outlined by stakeholders of the Virginia Workforce Council, Local Workforce Investment Boards, and other partners of the Virginia Workforce Network (VWN). It has been determined through interviews, gap analysis, and through problem determination/risk analysis, that the current management information system has not added the value to the overall mission of the Virginia Workforce Network. In fact, the management information system has become the limiting factor in the moving the vision of a unified workforce system forward within the Commonwealth.

A new workforce management information system will provide the Virginia Workforce Network with the ability to integrate the Workforce Investment Ac

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<b>ProjectID:</b>	1001468
<b>Secretariat:</b>	Transportation
<b>Agency:</b>	Department of Transportation
<b>Project Formal Title:</b>	Electronic Toll Customer Service and and Violation Enforcement System

**Project Description:**

The Integrated Statewide Electronic Toll Customer Service and Violation Enforcement System project involves the design and procurement of hardware, software and operational staffing to provide services for processing electronic tolls, managing customer accounts, and collecting tolls and fees from users who try to avoid toll payments on the toll facilities.

**Project Scope:**

This project includes the procurement of a contractor to provide the following systems and components in accordance with the project schedule to address the business problem defined above:Design, installation, configuration and testing of an integrated electronic toll customer service and violation enforcement system consisting of hardware, software and communications to provide the necessary functions. This system will replace the current Smart Tag electronic toll system and will exchange transactions and operational data with the system at each of 7 toll roads in Virginia and the E-ZPass network.Design, installation, configuration and testing of cameras and image capture equipment in all lanes of three VDOT toll facilities: Dulles Toll Road, Coleman Bridge, and Powhite Parkway Extension. This equipment will interface to the current lane equipment at each road and will send violation images and transaction information to the toll road host location for further communication to the c

**Project Business Objective:**

Improve collection of tolls and administrative fees from toll evaders, and improve efficiency of electronic toll collection application by implementing an integrated CSC and VES system.

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<b>ProjectID:</b>	1001473
<b>Secretariat:</b>	Transportation
<b>Agency:</b>	Department of Transportation
<b>Project Formal Title:</b>	Equipment Management System (EMS) Upgrade

**Project Description:**

The EMS Upgrade project is a replacement for the current EMS system.

**Project Scope:**

# Major Project Description Report

The current Equipment Management System (EMS) is an older application that no longer satisfies many of the business requirements. In addition, many of the features that do satisfy business needs take a long time or too many resources to perform efficiently and effectively. A new Equipment Management System would provide an up-to-date system that would meet the agency's Fleet Management needs. We will evaluate potential fleet management COTS packages as an alternative to building a system.

**Project Business Objective:**

The new EMS will provide an up-to-date system that would meet the Agency's fleet management needs as the current system requires too many resources to perform efficiently and effectively. The new system will improve the accuracy of cost for equipment purchases, work orders for maintenance and reduce or eliminate duplication of data across different systems.

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<b>ProjectID:</b>	1001503
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of State Police
<b>Project Formal Title:</b>	Virginia Records Management System

**Project Description:**

Implementation of a records management system for Virginia State Police criminal case processing.

**Project Scope:**

The scope of the Virginia Records Management System (VRMS) project is to implement a modern law enforcement records management system. VRMS will facilitate law enforcement case processing from the "call for service" to the "prosecution package". VRMS will be integrated with State Police's central repository systems and its computer-aided dispatch (CAD) system and will share information with regional and federal data-sharing initiatives. VRMS functionality will include paperless case management, event tracking, photo storage and display, and electronic workflow to support investigative activities. At this time, the scope of the VRMS project is focused on State Police case processing. However, the VRMS will be designed to support multiple law enforcement agencies. In January 2005, State Police started working with localities on the details of the VRMS project. The VRMS Advisory Group, comprised of local and state law enforcement agency representatives, was formed to help State Police d

**Project Business Objective:**

The business objectives of VRMS at this time primarily relate to State Police case management and are summarized below. These objectives will be expanded to include local and other state law enforcement agencies as discussions on this topic evolve.

Implement a modern records management system that meets the needs of State Police.

Phase out legacy records management applications by including required functionality in VRMS.

Improve criminal case processing through business process reengineering and VRMS automated workflows.

Demonstrate the value of VRMS to local law enforcement.

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<b>ProjectID:</b>	1001506
<b>Secretariat:</b>	Natural Resources
<b>Agency:</b>	Department of Environmental Quality
<b>Project Formal Title:</b>	Document Management Implementation

**Project Description:**

# Major Project Description Report

Develop and implement a Document Mangement System to provide a scalable, effcient means of storing, accessing, and manageing DEQ mission critical documents. The benefits of achieving this goal include, but are not limited to: -quick, efficient, and reliable electronic access to documents by staff, the regulated community, other government entities, as well as the general public. -Provide a foundation for an effective Continuity of Operations Plan (COOP)

**Project Scope:**

The detailed needs analysis performed by eVisory confirmed DEQ’s paper-intensive operations, but also uncovered limitations in how DEQ handles records and responds to certain inquiries. The analysis suggests that the Agency is vulnerable when it comes to records management issues. Inconsistent documentation processes result in the inability to quickly share information in the event of an emergency. DEQ’s ability to recover information in the event of a disaster is also vulnerable.

DEQ also has a pilot project regarding simple Document Imaging and retrieval. This pilot project has been ongoing for the past few years. The pilot consists only of scanned images in an electronic file cabinet without the use of any type of workflow. Results of this pilot have shown that there are great efficiencies to be gained from even this type of limited application.

Based on this information, eVisory has determined that an Enterprise Content Management (ECM) System will greatly increase the

**Project Business Objective:**

- Allow the agency to quickly respond to FOIA requests, and provide consistent responses to any inquiries.
- Increase the efficiency of staff by significantly reducing the time necessary to copy, reproduce, and locate paper documents.
- Decrease the time required for permit generation and increase the number of inspections performed annually.
- Utilize workflow to enable permit applications to be tracked by the system and help users and managers better prioritize efforts.
- Increase the efficiency of staff by allowing the utilization of forms and functionality that will allow data fields to be scanned into its central databases reducing data entry by staff.
- Provide a foundation for a Continuity of Operation Plan.
- Allow the agency to increase the ease in which citizens can access documents.

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<b>ProjectID:</b>	1001516
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of Corrections
<b>Project Formal Title:</b>	Electronic Records Management

**Project Description:**

Purchase and implement an electronic records management system for the DOC including offender paper records, and other administrative paper records utilized within the Department that can be associated with an offender, an employee, or other entity.

**Project Scope:**

Purchase and implement an electronic records management system for the DOC including offender paper records, and other administrative paper records utilized within the Department that can be associated with an offender, an employee, or other entity.

# Major Project Description Report

## Project Business Objective:

Purchase and implement an electronic records management system for the DOC including offender paper records, and other administrative paper records utilized within the Department that can be associated with an offender, an employee, or other entity. The DOC is overwhelmed with paper, particularly offender records. This project will enable the Department to eliminate paper offender files in the HQ, every correctional facility, and probation and parole office. It will also free up significant space in those locations to allow for planned growth.

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<b>ProjectID:</b>	1001517
<b>Secretariat:</b>	Public Safety
<b>Agency:</b>	Department of Corrections
<b>Project Formal Title:</b>	Financial and Human Resources ERP Package

## Project Description:

Purchase and install a Human Resources Management and a Financial Systems software application to automate the DOC functions in those areas across the Commonwealth.

## Project Scope:

Purchase and implement an ERP software application to provide Human Resources Management and Financial Systems functionality throughout the DOC.

## Project Business Objective:

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<b>ProjectID:</b>	1001519
<b>Secretariat:</b>	Administration
<b>Agency:</b>	Department of General Services
<b>Project Formal Title:</b>	VFA-FICAS Statewide Support

## Project Description:

During August 2004 the Auditor of Public Accounts sent a survey to agencies and institutions to gather information for the Audit of Deferred Maintenance.

As a result of the survey, APA established a Deferred Maintenance Task Force consisting of the agencies and institutions listed in the appropriation language. APA issued an interim report in December 2004 with twenty recommendations, which included revamping the current capital and maintenance reserve process and funding options to address the current and future deferred maintenance backlog. Please see APA's Interim Report for more information regarding the recommendations. (on [www.apa.virginia.gov](http://www.apa.virginia.gov))

As directed by the legislature, APA recently acquired a Facility Inventory and Condition Assessment System (FICAS). The vendor is Vanderweil Facility Advisors (VFA) and the system is VFA facility. The Deferred Maintenance Task Force agencies participated in a pilot of the application in FY05 and FY06. The pilot project demonstrated the efficacy of using a common statewide system to assist in gathering the deferred maintenance costs in the Commonwealth.

This project moves the existing pilot program into a statewide implementation. As part of this implementation the responsibility for continuing to gather and maintain deferred maintenance information, application support and training, and establishing policies and procedures to maintain accurate condition assessments of all commonwealth buildings is transferred to DGS' Division of Engineering and Buildings. The project is estimated to cost between 500,000 in the first year (for a hosted solution) to 1.2 million for an installed solution. It is planned that DGS will continue with a hosted solution during the statewide roll out of the application. Although funding for this project has yet to be determined, based on the square footage managed by general fund and non-general fund agencies and institutions, it is anticipated that funding will be evenly divided.

# Major Project Description Report

## Project Scope:

Extend the existing application services of VFA to all state agencies and institutions that own or manage state buildings. Provide subscription licenses, training on the system and how to conduct condition assessments. Develop reports as needed to provide APA, Legislature, DPB, and agencies information on building condition, and deferred maintenance costs.

## Project Business Objective:

Provide consistent and reliable information on the future cost of maintaining state owned buildings.

Provide a common source of information about a buildings useful life and usefulness for the intended purpose.

Provide a means to monitor the effectiveness of agencies and institutions in their use of deferred maintenance appropriations

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<b>ProjectID:</b>	1001521
<b>Secretariat:</b>	Health & Human Resources
<b>Agency:</b>	Dept. of Mental Health, Mental Ret. & Sub. Abuse Svcs.
<b>Project Formal Title:</b>	Medication Management System Procurement

## Project Description:

Obtain and implement a medication management automated application to support pharmacy functions at DMHMRSAS facilities and the Aftercare Pharmacy.

## Project Scope:

This project would replace an outdated pharmacy system used in the the DMHMRSAS state facilities and Aftercare Pharmacy. The replacement system will have to be integrated with the existing AVATAR system (used for patient/resident admissions/discharges/reimbursement).

## Project Business Objective:

To have a automated pharmacy system that can assist in adequately managing the accurate and safe dispensing of medication to patients.

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<b>ProjectID:</b>	1001524
<b>Secretariat:</b>	Health & Human Resources
<b>Agency:</b>	Dept. of Mental Health, Mental Ret. & Sub. Abuse Svcs.
<b>Project Formal Title:</b>	Community Services Division Data Integration Project

## Project Description:

Provide processes that permit community mental health, mental retardation, and substance abuse offices to access CCS data system (core set of data on clients served in CSBs) and supplement core data with specific data needed by each office for federal reporting and program analysis. This includes reporting outcome data.

## Project Scope:

Provide processes that permit community mental health, mental retardation, and substance abuse offices to access CCS data system (core set of data on clients served in CSBs) and supplement core data with specific data needed by each office for federal reporting and program analysis. This includes reporting outcome data.

## Project Business Objective:

This project will allow the agency to architect an application that will utilize data from multiple sources as well as create specific data sources for programmatic areas to meet federal reporting needs and to provide data for program analysis.

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## Major Project Description Report

**ProjectID:** 1001525  
**Secretariat:** Transportation  
**Agency:** Department of Transportation  
**Project Formal Title:** Asset Management System - Phase 2

### Project Description:

AMS Phase 2 will provide structured management of agency infrastructure roadway assets using life-cycle cost methodology to facilitate real-time mobility information to the traveling public.

### Project Scope:

Phase 2 of the Asset Mgmt System will provide: development of Work Requests to include cost centers, non-modelled assets, and contract work; enhancement of PMSS / inclusion of scheduling; integration with phase 2 of VOIS; integration with SiteMgr; integration with RNS; integration with FMS2 / web-enabled FMS; development of ITS inventory management module; enhancement of analysis tools to facilitate development of Needs-based budget on recurring, annual basis; enhancement of Planning module; development of stormwater basin inventory form; maintenance enhancements to existing Work Accomplishments/ Work Requests and inventory modules. Phase 2 will also include automated data collection for bridge assets and pavement data collection. Also includes integration with Equipment and Inventory Mgmt Systems. Also integrates with the SoSYP. Additional development to ensure consistent management and maintenance of agency assets within established guidelines and standards set by the agency and fede

### Project Business Objective:

Structured management of agency infrastructure roadway assets using life-cycle cost methodology to facilitate real-time mobility information to the traveling public.

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**ProjectID:** 1001558  
**Secretariat:** Education  
**Agency:** Christopher Newport University  
**Project Formal Title:** Relocation of CNU's Center for IT Services

### Project Description:

Design and construct (renovate) an IT Services Center that can more effectively deliver these services than the present center that is located in a classroom building.

### Project Scope:

The project will place CNU's Center for IT Services in a physical and technological environment that will allow it to better perform its new role as a central point for business processes and preparing data on which major decision-making is based. The recent implementation of the campus-wide information database has thrust IT Services into this role.

### Project Business Objective:

Relocate and upgrade the CNU Center for IT Services.

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**ProjectID:** 1001577  
**Secretariat:** Education  
**Agency:** Virginia State University  
**Project Formal Title:** New Engineering Building Technology

### Project Description:



# Major Project Description Report

State of the art building that will house engineering and technology programs. The facility will be completed and fully functional in Fall 2006 or Winter 2007. The facility requires appropriate technologies to support instruction, research, conferencing, individual student productivity, security, and computerized facilities management.

Instructional Technology: Computer labs, multimedia learning environments, hands-on student lab resources, advanced conferencing technologies.

Infrastructure Technology: Structured cable plant, wired and wireless network devices, video surveillance, computerized control systems (HVAC, security access, etc.)

**Project Scope:**

This state of the art building that will house VSU's engineering and technology programs. The programs pursue various objectives directly aligned with the university's education, research, and service missions.

The facility will be completed and fully functional in Fall 2006 or Winter 2007. The facility requires appropriate technologies to support instruction, research, conferencing, individual student productivity, security, and computerized facilities management.

Instructional Technology: Computer labs, multimedia learning environments, hands-on student lab resources, advanced conferencing technologies.

Infrastructure Technology: Structured cable plant, wired and wireless network devices, video surveillance, computerized control systems (HVAC, security access, etc.)

**Project Business Objective:**

Enable VSU to provide contemporary instructional and research resources in engineering and technology arena. Such resources will increase student achievement, partnership opportunities, and ability to attract external funds.



**ProjectID:** 1001580  
**Secretariat:** Public Safety  
**Agency:** Department of Emergency Management  
**Project Formal Title:** Statewide Alert Network (SWAN)

**Project Description:**

Statewide Alert Network system

**Project Scope:**

A statewide alerting network system to notify emergency personnel of an emergency and/or disaster situation such as hurricanes, tornadoes, terrorist attacks, or fires.

**Project Business Objective:**

Provide a statewide alerting network for emergency operations personnel during an emergency and/or disaster situation.



**ProjectID:** 1001581  
**Secretariat:** Public Safety  
**Agency:** Department of Emergency Management  
**Project Formal Title:** Financial System

**Project Description:**

Provide budget, procurement, and payroll functionality through automation.

# Major Project Description Report

**Project Scope:**

Comprehensive financial system including but not limited to budgeting, cost accounting, procurement, and financial reporting.

**Project Business Objective:**

Comprehensive financial system to eliminate manual processing and standalone Access database systems.

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**ProjectID:** 1001582  
**Secretariat:** Public Safety  
**Agency:** Department of Emergency Management  
**Project Formal Title:** Convert Databases

**Project Description:**

Convert Access database systems to SQL Server

**Project Scope:**

Through the use of up-to-date technology, convert all Access databases to SQL Server. This will allow for interfacing "stand alone" systems with other internal systems.

**Project Business Objective:**

The elimination of outdated Access database systems with the up-to-date technology of SQL server.

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**ProjectID:** 1001583  
**Secretariat:** Public Safety  
**Agency:** Department of Emergency Management  
**Project Formal Title:** GIS

**Project Description:**

Continue development of GIS database for use in emergencies.

**Project Scope:**

Provide geospatial data and maps for use during a response to an emergency and/or disaster situation. This involves metadata and printed cartography.

**Project Business Objective:**

A comprehensive database of topography, resources, needs, location, etc of emergency and/or disaster situations.

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**ProjectID:** 1001586  
**Secretariat:** Technology  
**Agency:** Virginia Information Technologies Agency  
**Project Formal Title:** Next Generation E-911

**Project Description:**

Major Project Description Report

The current E-911 system is severely hindered because it is based on analog technology. This limitation prevents data from being sent into the Public Safety Answering Point (PSAP), which answers the E-911 call for service. While next generation E-911 solutions are still being piloted and evaluated, it is clear that the new network will begin deployment in the 2007-2008 timeframe and that this deployment must be performed at a statewide level. The network, which will most likely be IP-based, be the foundation for E-911 and a number of other public safety/homeland security applications.

Project Scope:

To deploy the next generation E-911 system to all geographic areas of the Commonwealth to allow all citizens to contact emergency assistance regardless of the telecommunications technology used.

Project Business Objective:

Deployment of a non-proprietary E-911 solution that is technology neutral and maintains the high reliability and availability of the existing E-911 system while reducing call set up time and delays in the delivery call data.

ProjectID:	1001677
Secretariat:	Technology
Agency:	Virginia Information Technologies Agency
Project Formal Title:	Integrated Business Processes/Chargeback System

Project Description:

Consolidated billing and chargeback system to replace several existing VITA systems to integrate an end-to-end enterprise view across service towers and interface with other business systems.

Project Scope:

The software and business system support to provide a flexible, consolidated customer billing system across service areas. Seamless access to drill down customer history and analysis with input from internal and external sources.

Project Business Objective:

On-going management and support for VITA’s current internal billing and chargeback systems to ensure no disruption of bill presentation services to Eligible Customers; and  
Accurate and timely presentation of chargeback invoices to Eligible Customers; and  
Implementation and management of a consolidated and integrated billing and chargeback system to replace several existing VITA systems; to optimize the delivery and management of the chargeback management; and to provide a web-enabled bill presentation process providing an end-to-end enterprise view across Services Towers, which will:  
Replace the invoicing systems currently in use,  
Be capable of collecting and processing resource usage data from a variety of systems platforms,  
Be capable of storing chargeback data,  
Provide drill down capabilities to customers from the web-based reports,  
Provide historical data to VITA for research and analysis,  
Provide resource usage and accounting for all appropriate Commonwealth Systems techn

ProjectID:	1001678
Secretariat:	Commerce and Trade
Agency:	Virginia Employment Commission
Project Formal Title:	Unemployment Insurance

Project Description:

# Major Project Description Report

The VEC will need to modernize its UI Benefits and Tax system because the current UI business processes are based on the agency's needs that were established in the mid-1980s. Since that time, the UI statutory environment has changed and in some instances dramatically. The existing computer systems which support the delivery of UI Benefits are difficult to upgrade and costly to maintain. As a result of these concerns, we have identified two overarching goals for VEC's Benefits Modernization:

- o Replace the existing UI computer applications using a foundation of new technology and improved design methods to improve flexibility and maintainability. Flexibility includes the ability to add new features and to incorporate system changes resulting from future law and policy changes.
- o Improve the UI business processes; radically if necessary, to meet UI business needs that have changed since the mid-1980s. The new business processes are targeted to be significantly more efficient and adaptable to wide swings in workload.

**Project Scope:**

· Unemployment Insurance  
The VEC will need to modernize its UI Benefits and Tax system because the current UI business processes are based on the agency's needs that were established in the mid-1980s. Since that time, the UI statutory environment has changed and in some instances dramatically. The existing computer systems which support the delivery of UI Benefits are difficult to upgrade and costly to maintain. As a result of these concerns, we have identified two overarching goals for VEC's Benefits Modernization:

- o Replace the existing UI computer applications using a foundation of new technology and improved design methods to improve flexibility and maintainability. Flexibility includes the ability to add new features and to incorporate system changes resulting from future law and policy changes.
- o Improve the UI business processes; radically if necessary, to meet UI business needs that have changed since the mid-1980s. The new business processes are targeted to be significant

**Project Business Objective:**

The Unemployment Insurance program requires a system that updates in real-time. In addition, the new system would contain a single database repository for all Benefits and Tax information. The system will provide seamless integration between programs and interfaces. The system will eliminate the need for duplicate data entry and reduce or eliminate the need for paper forms.

The project will contain a service determination module that would select the appropriate program to offer to the customer.

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<b>ProjectID:</b>	1001798
<b>Secretariat:</b>	Education
<b>Agency:</b>	Virginia Museum of Fine Arts
<b>Project Formal Title:</b>	Museum Expansion
<b>Project Description:</b>	
Systems and Network Infrastructure for Museum Expansion in support of Project 16495, c-97 chapter 899, 2002 Appropriations Act. Funds have already been appropriated. No additional funds are needed this biennium.	
<b>Project Scope:</b>	
Assure facilities adequate to achieve the museum's educational and economic outcomes by realizing the museum's master site plan. IT procurements are in support of Project 16495, c-97 chapter 899, 2002 Appropriations Act.	
<b>Project Business Objective:</b>	
VMFA Agency Plan, Goal-1, Objective-A: Assure facilities adequate to achieve the museum's educational and economic outcomes by realizing the museum's master site plan.	
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# Major Project Description Report

**ProjectID:** 1001882  
**Secretariat:** Finance  
**Agency:** Department of Accounts  
**Project Formal Title:** CARS Information Data Warehouse

## Project Description:

Develop a replacement system for the CARS/FINDS mainframe downloading system. The system will reduce mainframe costs and provide additional flexibility for downloading accounting information from the central CARS system.

## Project Scope:

Creation of a statewide financial information downloading system with added flexibility and user functionality. The system will replace an aging mainframe system utilizing state of the art technology.

## Project Business Objective:

TBD

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**ProjectID:** 1001962  
**Secretariat:** Health & Human Resources  
**Agency:** Department of Social Services  
**Project Formal Title:** MAPPER Conversion

## Project Description:

Convert Mission Critical MAPPER applications to J2EE in order to reduce operating costs and enable the agency to migrate from obsolete technologies and increase VDSS IT productivity and services to customers within a Web environment. The Department of Social Services made a decision in the mid 1970s to utilize UNISYS' application development product, MAPPER. MAPPER has served the agency well over the years, and critical business applications such as ADAPT run on the MAPPER platform. As the Virginia Social Services System (VSSS) looks to its future and the need for integrated applications to support its business, continued reliance on MAPPER provides challenges:

- MAPPER is its own environment and does not interface well with the rest of the VSSS applications. Isolated/stove pipe applications do not fit the integrated needs of VSSS in support of the agency's strategic direction.
- MAPPER is not a flexible platform; programs are difficult to understand and even more difficult to change
- Talent to support MAPPER is hard to come by
- MAPPER for many reasons does not fit well into the modernization of systems that VSSS is considering. Eliminating MAPPER will provide substantial cost savings by eliminating an expensive hardware platform and the MAPPER licenses. VDSS has submitted a DSP request to DPB for funding for this project. Form TR-1 has also been submitted to DPB for funding for project.

## Project Scope:

The following applications, described in terms of programs to be re-written and the cost per each, define the scope of this project. This would result in conversion of all mission critical VDSS applications currently in MAPPER.

ADAPT (1,501 programs at a cost of \$6,457,708). ENERGY (458 programs at a cost of \$417,292). AATS (39 programs at a cost of \$144,638). ADAPTM1 (230 programs at a cost of \$1,023,178). CASELOAD (61 programs at a cost of \$181,788). CUSTOMER (25 programs at a cost of 62,902). DATAWAREHOUSE (4 programs at a cost of \$4,556). DAYCARE (91 programs at a cost of \$501,966). DBA (237 programs at a cost of \$392,528). DISASTER (20 programs at a cost of \$29,104). FINANCE (581 programs at a cost of \$848,491). FRAUD (11programs at a cost of \$34,377). LICENSE (292programs at a cost of \$1,055,345). PERSONNEL(40 programs at a cost of \$101,820). QC (158 programs at a cost of \$428,824). RR25(53 programs at a cost of \$385,366). SDX (23 programs at a cost of \$1

# Major Project Description Report

## Project Business Objective:

The objective of this proposal is to convert mission critical MAPPER applications to JAVA code in order to reduce Unisys operating costs and enable the agency to migrate from obsolete technologies to a user friendly Web environment. This will enable VDSS to support the everchanging business needs of the Virginia Social Services System (VSSS), which includes 120 Local Departments of Social Services and close to 10,000 end users.

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<b>ProjectID:</b>	1001970
<b>Secretariat:</b>	Education
<b>Agency:</b>	Radford University
<b>Project Formal Title:</b>	Procure new Administrative Systems software

## Project Description:

Radford University (RU) requests funding to procure & implement new web-based ERP Administrative System software to include Student Records, Financial Records & Human Resources modules.

Approval of this request will allow RU to install the same state-of-the-art computer systems already operational at other Virginia institutions. Web-based systems provide better service to students, faculty, staff, parents, the community, alumni, business & ultimately to all taxpayers, & deliver operational efficiencies to the institution. Because RU already has Unix systems & a relational data base, the only sizeable costs are to replace the application software itself, not an insignificant task but not as difficult nor as expensive as if it were necessary to replace a legacy system from scratch.

## Project Scope:

Procure & implement new web-based ERP Administrative System software to include Student Records, Financial Records & Human Resources modules.

## Project Business Objective:

General: install a state-of-the-art web-based ERP system 1) to provide better service to students, faculty, staff, parents, the community, alumni, business & ultimately to all taxpayers, & 2) to deliver operational efficiencies to the institution.

Specifics:

- Install web-enabled Admissions module so prospective students can apply online & track status of their application.
- Enable better tracking of year-over-year enrollment data.
- Online parent/student access to financial aid forms.
- Parent/student tracking of financial aid status & awards.
- Online registration & class availability.
- Improved classroom management & space allocation.
- Online grading
- Online class rosters
- Advising module with "what if" features
- Interface to electronic Course Management Systems
- Real-time debiting of charges/credits to Accounts Receivables module.
- Electronic Funds Transfer capability to financial firms.
- Procurement system accessible at the user level.
- Procurement system

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<b>ProjectID:</b>	1001975
<b>Secretariat:</b>	Technology
<b>Agency:</b>	Virginia Information Technologies Agency
<b>Project Formal Title:</b>	Implement Technology Transformation in the Commonwealth

# Major Project Description Report

**Project Description:**

The Implementation of the Comprehensive Infrastructure Agreement with Northrop Grumman Corp. (hereinafter referred to as the "Partnership") will transfer responsibility for delivery of Infrastructure IT services from VITA to Northrop Grumman and to facilitate the modernization of those services. The scope of the Comprehensive Infrastructure Agreement includes the following domains: Account Management & Administration, Data Center (Mainframe and Server), Desktop Computing, Messaging, Data Network, Voice, Security, and Help Desk services, plus Data Center Buildings and Chargeback Applications. Within these domains, Northrop Grumman will assume responsibility for operational activities related to the delivery of services to VITA's customers, as well as responsibility for a number of specific transformational initiatives that will modernize those operations and the technologies that underlie them. The majority of these transformational efforts are limited in scope to Northrop Grumman's internal operations and its partnership relationship with VITA.

The implementation and operations of the Partnership will be uniquely managed as a program overseen by the IT Infrastructure Committee of the Information Technology Investment Board (ITIB). The Service Management Organization (SMO) will report to the committee regularly on the status of the implementation of the Partnership agreement. The Project Management Division will consult with the SMO at the program level for oversight and governance; attend program and project level meetings where programmatic decisions are made; and advise and assist the SMO as requested. In addition, the SMO has entered into a contract with CACI to provide Independent Verification and Validation (IV&V) of this program.

The status of this program will appear on the Executive Dashboard.

**Project Scope:**

The scope of this project includes those activities necessary to transform the Virginia Information Technologies Agency (VITA) from a service-delivery organization to a service-management organization through the implementation of the Comprehensive Infrastructure Agreement (CIA) which VITA entered into with Northrop Grumman Corporation. This Implementation Project will consist of three phases; an Interim phase which will consist of planning and preparatory activities; a Transition phase which will consist primarily of Northrop Grumman's assumption of the day-to-day service delivery of the "as-is" state of VITA's operations as well as the initiation of Service Management activities by VITA and planning for the follow-on phases; and a Transformation phase which will consist of modernization and implementation of industry best-practices relating to the services being delivered. This project will end as Northrop Grumman achieves steady-state operations of the transformed services. This imp

**Project Business Objective:**

The business objective of this project is to implement the provisions of the Comprehensive Infrastructure Agreement negotiated between VITA and Northrop Grumman Corporation under the auspices of the Public Private Education Facilities and Infrastructure Act of 2002, as amended (PPEA). As a result of the implementation of that agreement, the Commonwealth will realize the following benefits:

- Improved levels of data, transmission and physical security for the Commonwealth's mission critical data, systems and information processing facilities
- Implementation of integrated data, voice and video networks that will facilitate higher speed transmissions and more efficient use of available bandwidth
- Consolidation of the Commonwealth's computing environments, especially servers, improving efficiency and allowing for the retirement of out-of-date equipment.
- Relocation of the Commonwealth's primary data center to a secure facility.
- Establishment of a back-up data center, located in a secu

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<b>ProjectID:</b>	1002054
<b>Secretariat:</b>	Natural Resources
<b>Agency:</b>	Department of Environmental Quality
<b>Project Formal Title:</b>	Data Mining Implementation

**Project Description:**

Implement a Business Intelligence System to enable agency personnel to efficiently access data from the agency's environmental system of record.

# Major Project Description Report

**Project Scope:**

The Virginia Department of Environmental Quality has launched a Data Mining Initiative with a goal of establishing a Comprehensive Environmental Data System (CEDS) Reporting Repository designed to improve reporting out of CEDS. This solution was described in detail in the CGI-AMS Business Intelligence Assessment version 1.0 dated December 16, 2005. The Data Mining Initiative will enable DEQ to effectively report on the information that exists in its CEDS system. The Data Mining initiative will establish a Reporting Repository that will fulfill the following needs:

- Establish an on-line analytical processing environment (OLAP) for end users
  - Serve as the primary source of reporting and analysis for CEDS data
  - Provide a foundation for future expansion if DEQ continues consolidation of its reporting environment
- The key success factor for the Dining Mining initiative is to empower the users to meet their reporting needs quickly and efficiently without assistance from DEQ’s Office o

**Project Business Objective:**

The Data Mining Initiative will enable DEQ to effectively report on the information that exists in its CEDS system. It will establish a Reporting Repository that will fulfill the DEQ's mission critical need for efficient trustworthy reporting and analysis of CEDS data. To this end, the initiative will establish an on-line analytical processing environment (OLAP) for end users, which will provide a foundation for future expansion if DEQ continues consolidation of its reporting environment. The key success factor for the Dining Mining initiative is to empower the users to meet their reporting needs quickly and efficiently without assistance from DEQ’s Office of Information Services (OIS). As a result of this initiative, users will be able to obtain the information they need in the format they need with minimal effort.

<b>ProjectID:</b>	1002072
<b>Secretariat:</b>	Agriculture & Forestry
<b>Agency:</b>	Department of Forestry
<b>Project Formal Title:</b>	Integrated Forest Resources Information System – Forest Protection & Mobile Computing

**Project Description:**

Enhancements will be made to the agency’s Integrated Forest Resource Information System, IFRIS(c), a web-based enterprise system application with built-in mapping functionality, to address information needs for the program areas of wildfire suppression, water quality law enforcement and forest health. New technology in the form of ruggedized PDA’s with mapping-grade GPS will be introduced to replace current paper-based data collection forms that severely impede DOF’s ability to deliver services.

**Project Scope:**

DOF is beleaguered by inefficient information exchange, poor data quality and nearly impossible data extraction capabilities. Therefore, the agency will use internal labor resources and contract developers to enhance the IFRIS(c) enterprise system to overhaul data collection, management, storage, and reporting of information critical to the business areas of wildfire incident tracking, water quality law enforcement and forest health monitoring. The project has an expected duration of 14 months following formal project kickoff. Systems will be developed primarily at contractor facilities, but ultimately will be integrated with the IFRIS, application hosted by VITA at the Richmond Plaza Building. Mobile devices will be assigned and delivered to field employees for use in field-data collection.

Project deliverables are to include:

- Web application
  - Database schema
  - User Interfaces iV Data Entry
  - User Interfaces - Administrative
  - User Interfaces iV Mapping UI update
  - Repor



# Major Project Description Report

**Project Business Objective:**

Develop enhancements to the new enterprise information system (IFRIS) that streamline data collection/management, improve data quality, and provide easy access to information products.

Develop a wildfire occurrence database with near-real time updating and accurate geographic coordinates to support strategic and tactical resource allocation, as well as provide key customers with timely statewide situation reports.

Develop a Forest Health observations database with accurate geographic coordinates to better identify affected forest areas at higher risk for wildfire occurrence.

Increase work flow efficiency, data quality, and data timeliness with introduction of mobile computing devices enabled with mapping-grade GPS.

Develop comprehensive information system support to the Water Quality Law Enforcement program that allows for harvest operation tracking from point of notification (or non-notification) to inspections close-out.

Increase work flow efficiency, data quality, and

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**ProjectID:** 1002131

**Secretariat:** Health & Human Resources

**Agency:** Department of Health

**Project Formal Title:** Electronic Health Record - Pilot

**Project Description:**

This pilot project includes selecting a qualified vendor with an existing product, agency-specific setups and a single site pilot. If these steps are successful, approximately 6-9 months, the pilot will be extended to the remaining sites in the pilot district (approximately 4 additional sites) and then to a pilot site with a large primary clinic - an additional 6-9 months. If all these pilots are successful, statewide implementation will begin.

**Project Scope:**

This pilot project includes selecting a qualified vendor with an existing product, agency-specific setups and a single site pilot. If these steps are successful, approximately 6-9 months, the pilot will be extended to the remaining sites in the pilot district (approximately 4 additional sites) and then to a pilot site with a large primary clinic - an additional 6-9 months. If all these pilots are successful, statewide implementation will begin.

**Project Business Objective:**

Creation of an agency-wide electronic health record to be used in approximately 200 clinical sites.

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**ProjectID:** 1002133

**Secretariat:** Transportation

**Agency:** Department of Motor Vehicles

**Project Formal Title:** PCs on The Front Counters

**Project Description:**

This project will support the upgrade of existing dumb terminals at all DMV Customer Service Center's with graphical client workstations.

**Project Scope:**

Major Project Description Report

Purchasing PCs for the Customer Service Center front counters will replace the obsolete character-based "green screens" that have been in use for the past 20 years. These devices will allow a graphical user interface (GUI) environment, commonly found in most business processes today, to be established between DMV systems applications and the CSC representatives at the counter. Most importantly, these devices will support a total systems redesign whereas the current "green screen" devices will not.

To best prepare in making a solution decision, DMV and VITA executed a study phase that included vendor assistance analyzing DMV's "as-is" infrastructure environment, producing a "to-be" configuration based on DMV business requirements, a total cost of ownership study of possible solutions, and a best-fit recommendation by brand.

The results of the study phase gave DMV the information it needed to decide on a thin client/Ardence/server solution by either Dell or HP (or combination).

Project Business Objective:

Revolutionize Service Delivery: Install infrastructure that will support technological growth.

Improve Efficiency and Effectiveness of Government Services: Transact business in a secure environment utilizing infrastructure that assists in maximizing process efficiencies and the customer service experience.

Improve IT Services for Agency/Workforce: Provide up-to-date tools to staff that improve efficiencies in internal administrative functions and employee experience

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ProjectID:	1002137
Secretariat:	Technology
Agency:	Virginia Information Technologies Agency
Project Formal Title:	PeopleSoft Business Planning and Budgeting

Project Description:

This project will address the business process restraints which exist as a result of the limitations and support issues associated with the existing legacy application BERT and the current version of the PeopleSoft budget module which is not being utilized because it does not satisfy VITA's budget requirements at the detail line item level. Implementing the Enterprise Performance Management (EPM) PeopleSoft Business Planning & Budgeting modules will result in a reduction in maintenance activities and replace redundant applications and financial business processes. Plans are also to use the EPM PeopleSoft Business Planning & Budgeting modules as the infrastructure to support both the budget and financial forecasting needs for the agency, thereby reducing the need for the existing legacy applications

Project Scope:

The PeopleSoft Planning and Budgeting project will address the business process limitations that exist as a result of the lack of functionality and support/maintenance issues associated with the existing legacy application BERT as well as the current PeopleSoft budget module. the current PeopleSoft module is not being utilized because it does not satisfy VITA's budget requirements at the detail line item level. Implementing the Enterprise Performance Management (EPM) PeopleSoft Business Planning & Budgeting modules will result in a reduction in maintenance activities and replace redundant applications and financial business processes. Plans are also to use the EPM PeopleSoft Business Planning & Budgeting modules as the infrastructure to support both the budget and financial forecasting needs for the agency, thereby reducing the need for the existing legacy applications.

Project Business Objective:

Increased capability to plan, budget and track IT Expenditures as well as to improve efficiency and effectiveness of Government Services.

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# Major Project Description Report

**ProjectID:** 1002200  
**Secretariat:** Technology  
**Agency:** Virginia Information Technologies Agency  
**Project Formal Title:** VITA IT Accessibility Compliance

## Project Description:

VITA is driven to develop a section 508 compliance project to achieve agency-wide compliance of Commonwealth Information Technology Accessibility Standard (GOV103-00), provide accessibility to people with disability for all Software applications, Operating systems; Web based Intranet & Internet information & applications, Infrastructure and Hardware (Desktop and Portable Computers, Telecommunications Products, Video and Multimedia Products, Self-Contained, Closed Products).

## Project Scope:

This goal of this project is to address what actions VITA needs to do to bring VITA IT systems into compliance with the Virginia Information Technology Accessibility Standard (GOV103-00). This project will focus on accessibility standards related to the Software Applications, Web Based Intranet and Internet Applications. The primary effort will involve: Develop organizational policy; establish roles and responsibilities; develop and execute a communications plan; training; develop web, applications and software standards; inventory of systems; assessment of effort; submit exemption requests; prioritize systems for compliance conversions; develop compliance procedures for new systems; conversion effort for existing systems; and on-going compliance reviews.

## Project Business Objective:

Business objective is to bring VITA Software Applications, Web Based Intranet & Internet Applications Section into compliance with Virginia Information Technology Accessibility Standard (GOV103-00).

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**ProjectID:** 1002203  
**Secretariat:** Public Safety  
**Agency:** Department of State Police  
**Project Formal Title:** Enhancement of the AFIS system - Palm Print Search

## Project Description:

Add automated palm print capability to the VSP Automated Fingerprint Identification System (AFIS). This will provide for electronic submission, receipt, storage and searching of palm prints for law enforcement agencies throughout Virginia.

## Project Scope:

Purchase of palm print system from the AFIS vendor to provide for the receipt, storage and searching of palm prints from local agencies. The system includes additional matching and storage capability, and automated palm print searching and processing software for central equipment at State Police and AFIS terminals at 22 local and state agencies for the processing and searching of palm prints. Conversion services for up to 50,000 existing palm prints in local agencies are also included.

## Project Business Objective:

Establish a statewide palm print search system that will allow local agencies to search the entire state database and eliminate the need for their own system.

Increase the identification and apprehension of offenders through the searching of palm prints from crime scenes.

Improve the utility of palm prints by providing statewide search capability.

Reduce the amount of investigator time on crime scenes by increasing the number of identifications made through palm prints.

# Major Project Description Report

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**ProjectID:** 1002205  
**Secretariat:** Public Safety  
**Agency:** Department of State Police  
**Project Formal Title:** Virginia Intelligence Management System

**Project Description:**

Implementation of a new Virginia Information Intelligence Management System to facilitate the exchange of information among local, state and federal agencies.

**Project Scope:**

Purchase of an intelligence package/development services, integration services, and implementation of a statewide repository of intelligence information. This system will accept data from local, regional and state systems and facilitate the sharing of intelligence and information among numerous state, local and federal agencies. A study is currently underway by an outside vendor to develop a Broad Concept of Operations and system requirements for a statewide Intelligence system.

**Project Business Objective:**

Centralized analysis and dissemination of intelligence information statewide.

Centralized access to national intelligence systems.

Improved business relationships and information sharing among law enforcement agencies.

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**ProjectID:** 1002206  
**Secretariat:** Finance  
**Agency:** Secretary of Finance  
**Project Formal Title:** Implementation of the Enterprise Applications Master Services Agreement (Phase 1)

**Project Description:**

The purpose of this project is to modernize the Commonwealth's Enterprise-wide Financial Management, Performance-based Budgeting, Human Resource Management, Asset Management, Supply Chain Management (including Inventory Control) and Travel Request/Reimbursement processes and supporting automated systems. The goal of this initiative is to implement industry-recognized best practices within these areas and to deploy an automated Enterprise Resource Planning/Enterprise Resource Management (ERP/ERM) system that enforces those best practices while significantly improving the efficiency and effectiveness of the Commonwealth staff that perform them.

**Project Scope:**

The scope of the project includes those business processes and supporting information systems related to Financial Management, Performance-based Budgeting, Human Resource Management, Asset Management, Supply Chain Management (including Inventory Control) and Travel Request/Reimbursement processes. While the accountability and functional subject matter expertise for these processes and systems lies primarily within the Secretariat of Finance and Secretariat of Administration, the impact of reengineering these processes and systems will be felt across all executive branch agencies, the judiciary and legislature since there is broad reliance on these administrative processes to support their operations. In addition, the Commonwealth's institutions of Higher Education will also benefit from the modernization of these processes and systems.

It is anticipated that the Partnership will undertake the Financial Management, Performance-based Budgeting and Human Resource Management efforts

**Project Business Objective:**

## Major Project Description Report

A. Modernize the administrative business processes of the Commonwealth, specifically those related to Financial Management, Performance-based Budgeting, Human Resource Management, Asset Management, Supply Chain Management (including Inventory Control) and Travel Request/Reimbursement, by implementing standard, best practices-based practices across the entire executive branch of the Commonwealth's government and making those processes available to higher education institutions.

B. Implement automated information systems to support the modernized business processes. It is anticipated that this will be accomplished through the deployment of a commercial, off-the-shelf Enterprise Resource Planning/Enterprise Resource Management (ERP/ERM) application that has been configured to meet the Commonwealth's business process requirements. In addition, it is anticipated that some extension of the ERP/ERM software will be required; however, these extensions will take advantage of the capability

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**ProjectID:** 1002207  
**Secretariat:** Public Safety  
**Agency:** Department of State Police  
**Project Formal Title:** Replacement and Enhancement of the Statewide Incident-Based Reporting System

### Project Description:

The current statewide Incident-Based Reporting System needs to be replaced because it is based on older legacy technology and does not meet the needs of the law enforcement community in Virginia.

### Project Scope:

Purchase of consulting services to develop the requirements and implementation plan for replacement of the statewide legacy Incident Based Reporting System. Purchase of software and/or development and integration services for the new IBR system. Installation and deployment of the software at VSP. Training services for the local agencies in submission and access requirements.

State Police's plans include:

Providing local and state agencies with efficient access to IBR data with improved ad-hoc report generation capability developed using an industry-standard reporting tool.

Upgrading data submission standards to include Offense Tracking Numbers (OTNs), National Data Exchange (N-DEx) and the Global Justice XML Data Model (GJXDM). It is also probable that data standards related to the Law Enforcement Information Exchange (LInX) will be included.

Linking IBR data with criminal history, wanted persons and other databases using incident numbers, OTNs and State IDs (SIDs).

### Project Business Objective:

Provide users with additional functionality by moving IBR to a modern software environment. Improve data quality, completeness and usefulness by:

- 1) Expanding reported IBR data to include offender, witness, and other incident information that is typically captured in current Records Management Systems.
- 2) Capturing Virginia's Offense Tracking Numbers so that incident data may be linked to criminal history, court and other databases.
- 3) Improving crime analysis at the state and local levels.

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**ProjectID:** 1002209  
**Secretariat:** Public Safety  
**Agency:** Department of State Police  
**Project Formal Title:** Replacement and Enhancement of the Central Criminal History (CCH) Application

# Major Project Description Report

**Project Description:**

This project is to replace the CCH application with a package and/or software developed in a modern programming and database technology

**Project Scope:**

Purchase of consulting services to develop the requirements and implementation plan for replacement and enhancement of the Computerized Criminal History (CCH) system. Purchase of software and/or development and integration services for the new CCH system. Installation and deployment of the software at VSP. The Consolidated Applicant Tracking System (CATS) and the AFIS Messaging system will also be replaced as part of this project because they are tightly integrated with the current CCH system.

**Project Business Objective:**

Support real time interfaces with other state agency systems such as Supreme Court and Department of Corrections.  
Improved reporting flexibility through use of a standard reporting package.  
Decrease in the time to modify the software in response to legislative requirements.  
Improved user interfaces.  
Adoption of national XML standards (GJXDM) resulting in improved interfaces with other state and local systems.

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<b>ProjectID:</b>	1002282
<b>Secretariat:</b>	Education
<b>Agency:</b>	Virginia Community College System
<b>Project Formal Title:</b>	PROJECT NAME: New Human Resources Information System HRIS

**Project Description:**

The implementation of a Human Resources System for the VCCS and 23 Colleges.

**Project Scope:**

The project will result in the implementation of the PeopleSoft Human Resources modules and includes HR, Base Benefits, Benefits Administration (portion), portal, self service, data conversion, interfaces to CIPPS, EPAS and PMIS. The implementation includes modules for employee self service, time and labor, and recruiting. The project scope includes all phases of the project life-cycle. The specific life-cycle methodology to be employed will include Fit/Gap analysis, design, development, testing, training, and quality assurance reviews.

**Project Business Objective:**

The proposed system will provide self-service access and business process support to students, faculty, and staff, and improve workflow for major human resources functions performed throughout the VCCS colleges and Central Office. Enhanced interoperability with other VCCS internal and external application systems will provide additional benefits from information sharing, workforce management, compensation, talent management, and business process improvement.

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